## Nrf2 signaling in coordinated activation of antioxidant

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**Citation Report** 

#	Article	IF	CITATIONS
1	Crystal Structure of the Kelch Domain of Human Keap1. Journal of Biological Chemistry, 2004, 279, 54750-54758.	1.6	193
2	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
3	Introduction to serial reviews on EpRE and its signaling pathway. Free Radical Biology and Medicine, 2004, 36, 1197-1198.	1.3	7
4	Crystallization and initial crystallographic analysis of the Kelch domain from human Keap1. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 2346-2348.	2.5	12
5	Identification of polymorphisms in the promoter region of the human NRF2 gene. Biochemical and Biophysical Research Communications, 2004, 321, 72-79.	1.0	122
6	Nrf2–Keap1 defines a physiologically important stress response mechanism. Trends in Molecular Medicine, 2004, 10, 549-557.	3.5	1,529
7	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
10	Cloning and characterization of the human glutathione synthetase 5′-flanking region. Biochemical Journal, 2005, 390, 521-528.	1.7	66
11	HNE increases HO-1 through activation of the ERK pathway in pulmonary epithelial cells. Free Radical Biology and Medicine, 2005, 39, 355-364.	1.3	97
12	Characterization of Nrf2 activation and heme oxygenase-1 expression in NIH3T3 cells exposed to aqueous extracts of cigarette smoke. Free Radical Biology and Medicine, 2005, 39, 1438-1448.	1.3	60
13	The role of oxidative stress in the modulation of aryl hydrocarbon receptor-regulated genes by As3+, Cd2+, and Cr6+. Free Radical Biology and Medicine, 2005, 39, 1499-1511.	1.3	76
14	Hepatocyte Growth Factor Protects RPE Cells from Apoptosis Induced by Glutathione Depletion. , 2005, 46, 4311.		36
15	Differential Responses of the Nrf2-Keap1 System to Laminar and Oscillatory Shear Stresses in Endothelial Cells. Journal of Biological Chemistry, 2005, 280, 27244-27250.	1.6	198
16	Bach1 Competes with Nrf2 Leading to Negative Regulation of the Antioxidant Response Element (ARE)-mediated NAD(P)H:Quinone Oxidoreductase 1 Gene Expression and Induction in Response to Antioxidants. Journal of Biological Chemistry, 2005, 280, 16891-16900.	1.6	337
17	Lipopolysaccharide-Induced Heme Oxygenase-1 Expression in Human Monocytic Cells Is Mediated via Nrf2 and Protein Kinase C. Journal of Immunology, 2005, 175, 4408-4415.	0.4	171
18	etsâ€1 is transcriptionally upâ€regulated by H 2 O 2 via an antioxidant response element. FASEB Journal, 2005, 19, 2085-2087.	0.2	76
19	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
20	Induction of the Protective Antioxidant Response Element Pathway by 6-Hydroxydopamine In Vivo and In Vitro. Toxicological Sciences, 2005, 87, 176-186.	1.4	51

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21	Nrf2 Activation Involves an Oxidative-Stress Independent Pathway in Tetrafluoroethylcysteine-Induced Cytotoxicity. Toxicological Sciences, 2005, 86, 354-364.	1.4	48
22	Nuclear Import and Export Signals in Control of Nrf2. Journal of Biological Chemistry, 2005, 280, 29158-29168.	1.6	171
23	The Yeast Ubiquitin Ligase SCFMet30Regulates Heavy Metal Response. Molecular Biology of the Cell, 2005, 16, 1872-1882.	0.9	70
24	Molecular Basis of Heme Oxygenase-1 Induction: Implications for Chemoprevention and Chemoprotection. Antioxidants and Redox Signaling, 2005, 7, 1688-1703.	2.5	182
25	Role of cytochrome P-450 in schisandrin B-induced antioxidant and heat shock responses in mouse liver. Life Sciences, 2005, 77, 2887-2895.	2.0	25
26	Nitric oxide as a modulator of apoptosis. Cancer Letters, 2005, 226, 1-15.	3.2	204
27	Piceatannol upregulates endothelial heme oxygenase-1 expression via novel protein kinase C and tyrosine kinase pathways. Pharmacological Research, 2006, 53, 113-122.	3.1	66
28	Reduction in Antioxidant Defenses may Contribute to Ochratoxin A Toxicity and Carcinogenicity. Toxicological Sciences, 2006, 96, 30-39.	1.4	130
29	The Role of Aryl Hydrocarbon Receptor in the Pathogenesis of Cardiovascular Diseases. Drug Metabolism Reviews, 2006, 38, 411-450.	1.5	157
30	Combined effects of coenzyme Q10 and Vitamin E in cadmium induced alterations of antioxidant defense system in the rat heart. Environmental Toxicology and Pharmacology, 2006, 22, 219-224.	2.0	26
31	Effects of green tea extracts on gene expression in HepG2 and Cal-27 cells. Food and Chemical Toxicology, 2006, 44, 1075-1081.	1.8	17
32	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
33	Effects of oxygen tension on gene expression in preimplantation mouse embryos. Fertility and Sterility, 2006, 86, 1265.e1-1265.e36.	0.5	173
34	Novel cytoprotective mechanism of anti-parkinsonian drug deprenyl: PI3K and Nrf2-derived induction of antioxidative proteins. Biochemical and Biophysical Research Communications, 2006, 339, 915-922.	1.0	90
35	Role of protein kinase C δ in curcumin-induced antioxidant response element-mediated gene expression in human monocytes. Biochemical and Biophysical Research Communications, 2006, 341, 1007-1016.	1.0	160
36	Role of the Nrf2-Mediated Signaling Pathway as a Negative Regulator of Inflammation: Implications for the Impact of Particulate Pollutants on Asthma. Antioxidants and Redox Signaling, 2006, 8, 88-98.	2.5	118
37	Upregulation of heme oxygenase-1 by Epigallocatechin-3-gallate via the phosphatidylinositol 3-kinase/Akt and ERK pathways. Life Sciences, 2006, 78, 2889-2897.	2.0	219
38	Afferent regulation of oxidative stress in the chick cochlear nucleus. Neuroscience, 2006, 140, 1359-1368.	1.1	3

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39	Nuclear Receptor-Mediated Transcriptional Regulation in Phase I, II, and III Xenobiotic Metabolizing Systems. Drug Metabolism and Pharmacokinetics, 2006, 21, 437-457.	1.1	174
40	The yeast ubiquitin ligase SCFMet30: connecting environmental and intracellular conditions to cell division. Cell Division, 2006, 1, 16.	1.1	40
41	Role of transcription factor AP-1 in integration of cell signaling systems. Molecular Biology, 2006, 40, 851-866.	0.4	31
42	Flunarizine induces Nrf2-mediated transcriptional activation of heme oxygenase-1 in protection of auditory cells from cisplatin. Cell Death and Differentiation, 2006, 13, 1763-1775.	5.0	81
43	Nuclear factor Nrf2 and antioxidant response element regulate NRH:quinone oxidoreductase 2 (NQO2) gene expression and antioxidant induction. Free Radical Biology and Medicine, 2006, 40, 1119-1130.	1.3	45
44	Î <sup>3</sup> -Clutamyl transpeptidase is induced by 4-hydroxynonenal via EpRE/Nrf2 signaling in rat epithelial type II cells. Free Radical Biology and Medicine, 2006, 40, 1281-1292.	1.3	53
45	Newly constructed stable reporter cell lines for mechanistic studies on electrophile-responsive element-mediated gene expression reveal a role for flavonoid planarity. Biochemical Pharmacology, 2006, 72, 217-226.	2.0	43
46	NRH:quinone oxidoreductase 2 (NQO2) catalyzes metabolic activation of quinones and anti-tumor drugs. Biochemical Pharmacology, 2006, 72, 366-376.	2.0	62
47	Upregulation of endothelial heme oxygenase-1 expression through the activation of the JNK pathway by sublethal concentrations of acrolein. Toxicology and Applied Pharmacology, 2006, 214, 244-252.	1.3	81
48	Age affects ERK1/2 and NRF2 signaling in the regulation of GCLC expression. Journal of Cellular Physiology, 2006, 206, 518-525.	2.0	25
49	Glycogen Synthase Kinase-3Î <sup>2</sup> Inhibits the Xenobiotic and Antioxidant Cell Response by Direct Phosphorylation and Nuclear Exclusion of the Transcription Factor Nrf2. Journal of Biological Chemistry, 2006, 281, 14841-14851.	1.6	441
50	CAND1-Mediated Substrate Adaptor Recycling Is Required for Efficient Repression of Nrf2 by Keap1. Molecular and Cellular Biology, 2006, 26, 1235-1244.	1.1	89
51	Bilberry Extracts Induce Gene Expression Through the Electrophile Response Element. Nutrition and Cancer, 2006, 54, 94-101.	0.9	23
52	Phase II Enzymes Induction Blocks the Enhanced IgE Production in B Cells by Diesel Exhaust Particles. Journal of Immunology, 2006, 177, 3477-3483.	0.4	43
53	Low and High Dose UVB Regulation of Transcription Factor NF-E2-Related Factor 2. Cancer Research, 2006, 66, 8421-8429.	0.4	56
54	INDUCTION OF DETOXIFYING ENZYMES IN RODENT WHITE ADIPOSE TISSUE BY ARYL HYDROCARBON RECEPTOR AGONISTS AND ANTIOXIDANTS. Drug Metabolism and Disposition, 2006, 34, 1081-1089.	1.7	27
55	TRANSCRIPTIONAL REGULATION OF THE NAD(P)H:QUINONE OXIDOREDUCTASE 1 AND GLUTATHIONE S-TRANSFERASE YA GENES BY MERCURY, LEAD, AND COPPER. Drug Metabolism and Disposition, 2006, 34, 152-165.	1.7	55
56	Phosphorylation of Tyrosine 568 Controls Nuclear Export of Nrf2. Journal of Biological Chemistry, 2006, 281, 12132-12142.	1.6	154

#	Article	IF	CITATIONS
57	Induction of Endogenous Nrf2/Small Maf Heterodimers by Arsenic-Mediated Stress in Placental Choriocarcinoma Cells. Antioxidants and Redox Signaling, 2006, 8, 53-59.	2.5	41
58	Reoxygenationâ€specific activation of the antioxidant transcription factor Nrf2 mediates cytoprotective gene expression in ischemiaâ€reperfusion injury. FASEB Journal, 2006, 20, 2624-2626.	0.2	231
59	GSK-3β Acts Upstream of Fyn Kinase in Regulation of Nuclear Export and Degradation of NF-E2 Related Factor 2. Journal of Biological Chemistry, 2007, 282, 16502-16510.	1.6	415
60	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
61	Induction of Drug-Metabolizing Enzymes by Garlic and Allyl Sulfide Compounds via Activation of Constitutive Androstane Receptor and Nuclear Factor E2-Related Factor 2. Drug Metabolism and Disposition, 2007, 35, 995-1000.	1.7	117
62	Translational Control of Nrf2 Protein in Activation of Antioxidant Response by Oxidants. Molecular Pharmacology, 2007, 72, 1074-1081.	1.0	125
63	Expression and function of cystine/glutamate transporter in neutrophils. Journal of Leukocyte Biology, 2007, 81, 974-982.	1.5	44
64	Submicromolar concentrations of 4-hydroxynonenal induce glutamate cysteine ligase expression in HBE1 cells. Redox Report, 2007, 12, 101-106.	1.4	69
65	Protective role for nitric oxide during the endoplasmic reticulum stress response in pancreatic β-cells. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1543-E1554.	1.8	39
66	Proteasome Inhibition Induces Glutathione Synthesis and Protects Cells from Oxidative Stress. Journal of Biological Chemistry, 2007, 282, 4364-4372.	1.6	126
67	Biomechanical Forces in Atherosclerosis-Resistant Vascular Regions Regulate Endothelial Redox Balance via Phosphoinositol 3-Kinase/Akt-Dependent Activation of Nrf2. Circulation Research, 2007, 101, 723-733.	2.0	217
68	The Antitumor Agent Imexon Activates Antioxidant Gene Expression: Evidence for an Oxidative Stress Response. Clinical Cancer Research, 2007, 13, 3388-3394.	3.2	19
69	Emerging Role of Nrf2 in Protecting Against Hepatic and Gastrointestinal Disease. Toxicologic Pathology, 2007, 35, 459-473.	0.9	257
70	NRH:Quinone Oxidoreductase 2 and NAD(P)H:Quinone Oxidoreductase 1 Protect Tumor Suppressor p53 against 20S Proteasomal Degradation Leading to Stabilization and Activation of p53. Cancer Research, 2007, 67, 5380-5388.	0.4	96
71	Induction of antioxidant and detoxification response by oxidants in cardiomyocytes: Evidence from gene expression profiling and activation of Nrf2 transcription factor. Journal of Molecular and Cellular Cardiology, 2007, 42, 159-176.	0.9	63
72	Induction of the NAD(P)H:quinone oxidoreductase 1 by ketoconazole and itraconazole: A mechanism of cancer chemoprotection. Cancer Letters, 2007, 258, 135-143.	3.2	15
73	NAD Kinase Levels Control the NADPH Concentration in Human Cells. Journal of Biological Chemistry, 2007, 282, 33562-33571.	1.6	157
74	Tissue specific increase of the catalytic subunits of the 26S proteasome by indirect antioxidant dithiolethione in mice: Enhanced activity for degradation of abnormal protein. Life Sciences, 2007, 80, 2411-2420	2.0	30

#	Article	IF	CITATIONS
75	The Effect of Inhibition of Heme Oxygenase-1 on Chemosensitivity of Cisplatin in Lung Cancer Cells. Tuberculosis and Respiratory Diseases, 2007, 62, 33.	0.7	2
76	Effects of oxidative stress on embryonic development. Birth Defects Research Part C: Embryo Today Reviews, 2007, 81, 155-162.	3.6	350
77	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
78	Role of Nitric Oxide in Downregulation of Cytochrome P450 1a1 and NADPH: Quinone Oxidoreductase 1 by Tumor Necrosis Factorâ€Î± and Lipopolysaccharide. Journal of Pharmaceutical Sciences, 2007, 96, 2795-2807.	1.6	16
79	The Nrf2 transcription factor contributes to the induction of alpha-class GST isoenzymes in liver of acute cadmium or manganese intoxicated rats: Comparison with the toxic effect on NAD(P)H:quinone reductase. Toxicology, 2007, 237, 24-34.	2.0	45
80	Electrophilic Chemicals but not UV Irradiation or Reactive Oxygen Species Activate Nrf2 in Keratinocytes In Vitro and In Vivo. Journal of Investigative Dermatology, 2007, 127, 646-653.	0.3	45
81	Differentially expressed genes and morphological changes during lengthened immobilization in rat soleus muscle. Differentiation, 2007, 75, 147-157.	1.0	27
82	Nrf2 is involved in the effect of tanshinone IIA on intracellular redox status in human aortic smooth muscle cells. Biochemical Pharmacology, 2007, 73, 1358-1366.	2.0	74
83	Cardiovascular targets for estrogens and phytoestrogens: Transcriptional regulation of nitric oxide synthase and antioxidant defense genes. Free Radical Biology and Medicine, 2007, 42, 909-925.	1.3	127
84	Phase 2 enzyme induction by conjugated linoleic acid improves lupus-associated oxidative stress. Free Radical Biology and Medicine, 2007, 43, 71-79.	1.3	63
85	Up-regulation of aldose reductase expression mediated by phosphatidylinositol 3-kinase/Akt and Nrf2 is involved in the protective effect of curcumin against oxidative damage. Free Radical Biology and Medicine, 2007, 43, 535-545.	1.3	99
86	Is the repair of oxidative DNA base modifications inducible by a preceding DNA damage induction?. DNA Repair, 2007, 6, 367-373.	1.3	11
87	Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity. Toxicology and Applied Pharmacology, 2007, 225, 206-213.	1.3	91
88	Isoorientin induces Nrf2 pathway-driven antioxidant response through phosphatidylinositol 3-kinase signaling. Archives of Pharmacal Research, 2007, 30, 1590-1598.	2.7	52
89	Evidence that Cisplatin-induced Auditory Damage is Attenuated by Downregulation of Pro-inflammatory Cytokines Via Nrf2/HO-1. JARO - Journal of the Association for Research in Otolaryngology, 2008, 9, 290-306.	0.9	100
90	Is αâ€lipoic acid a scavenger of reactive oxygen species <i>in vivo</i> ? Evidence for its initiation of stress signaling pathways that promote endogenous antioxidant capacity. IUBMB Life, 2008, 60, 362-367.	1.5	148
91	Chromium (VI)â€induced oxidative stress and apoptosis is reduced by garlic and its derivative <i>Sâ€≺/i&gt;allylcysteine through the activation of Nrf2 in the hepatocytes of Wistar rats. Journal of Applied Toxicology, 2008, 28, 908-919.</i>	1.4	69
92	NFâ€₽̂B and APâ€1 are key signaling pathways in the modulation of NAD(P)H:Quinone oxidoreductase 1 gene by mercury, lead, and copper. Journal of Biochemical and Molecular Toxicology, 2008, 22, 274-283.	1.4	24

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93	The Nrf2–Keap1 defence pathway: Role in protection against drug-induced toxicity. Toxicology, 2008, 246, 24-33.	2.0	304
94	The susceptibility to vitiligo is associated with NFâ€E2â€related factor2 ( <i>Nrf2</i> ) gene polymorphisms: a study on Chinese Han population. Experimental Dermatology, 2008, 17, 1059-1062.	1.4	54
95	The Nrf2 transcription factor protects from toxin-induced liver injury and fibrosis. Laboratory Investigation, 2008, 88, 1068-1078.	1.7	176
96	Impaired liver regeneration in Nrf2 knockout mice: role of ROS-mediated insulin/IGF-1 resistance. EMBO Journal, 2008, 27, 212-223.	3.5	235
97	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
98	Severe oxidative damage in multiple sclerosis lesions coincides with enhanced antioxidant enzyme expression. Free Radical Biology and Medicine, 2008, 45, 1729-1737.	1.3	252
99	Oxidative stress mislocalizes and retains transport factor importin-α and nucleoporins Nup153 and Nup88 in nuclei where they generate high molecular mass complexes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 405-418.	1.9	51
100	The crucial protective role of glutathione against tienilic acid hepatotoxicity in rats. Toxicology and Applied Pharmacology, 2008, 232, 280-291.	1.3	20
101	Thioredoxin-1 promotes survival in cells exposed to S-nitrosoglutathione: Correlation with reduction of intracellular levels of nitrosothiols and up-regulation of the ERK1/2 MAP Kinases. Toxicology and Applied Pharmacology, 2008, 233, 227-237.	1.3	27
102	MRP class of human ATP binding cassette (ABC) transporters: historical background and new research directions. Xenobiotica, 2008, 38, 833-862.	0.5	111
103	Involvement of cytochrome P450-mediated metabolism in tienilic acid hepatotoxicity in rats. Toxicology Letters, 2008, 183, 81-89.	0.4	20
104	Nrf2 regulates curcumin-induced aldose reductase expression indirectly via nuclear factor-κB. Pharmacological Research, 2008, 58, 15-21.	3.1	33
105	Quinone Oxidoreductases and Vitamin K Metabolism. Vitamins and Hormones, 2008, 78, 85-101.	0.7	80
106	Andrographolide Up-Regulates Cellular-Reduced Clutathione Level and Protects Cardiomyocytes against Hypoxia/Reoxygenation Injury. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 226-235.	1.3	95
107	Hyperbaric oxygen induces placental growth factor expression in bone marrow-derived mesenchymal stem cells. Life Sciences, 2008, 83, 65-73.	2.0	21
108	Initial results in the development of a reporter cell line for toxicology studies at gene expression level: Activation of the electrophile-responsive element by copper and methyl parathion. Marine Environmental Research, 2008, 66, 158-160.	1.1	2
109	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
110	Discovery and verification of functional single nucleotide polymorphisms in regulatory genomic regions: Current and developing technologies. Mutation Research - Reviews in Mutation Research, 2008, 659, 147-157.	2.4	142

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111	Function of reactive oxygen species during animal development: Passive or active?. Developmental Biology, 2008, 320, 1-11.	0.9	319
112	Arsenite and cadmium, but not chromium, induce NAD(P)H:quinone oxidoreductase 1 through transcriptional mechanisms, in spite of post-transcriptional modifications. Toxicology in Vitro, 2008, 22, 1184-1190.	1.1	12
113	Activation of EpRE-mediated gene transcription by quercetin glucuronides depends on their deconjugation. Food and Chemical Toxicology, 2008, 46, 2128-2134.	1.8	25
114	Hypermethylation of the Keap1 gene in human lung cancer cell lines and lung cancer tissues. Biochemical and Biophysical Research Communications, 2008, 373, 151-154.	1.0	230
115	XIAP regulates intracellular ROS by enhancing antioxidant gene expression. Biochemical and Biophysical Research Communications, 2008, 375, 156-161.	1.0	35
116	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
117	Curcumin attenuates dimethylnitrosamine-induced liver injury in rats through Nrf2-mediated induction of heme oxygenase-1. Food and Chemical Toxicology, 2008, 46, 1279-1287.	1.8	258
118	Oxidative Stress and Antioxidants in the Pathogenesis of Pulmonary Fibrosis: A Potential Role for Nrf2. Antioxidants and Redox Signaling, 2008, 10, 321-332.	2.5	157
119	Genomic Survey of Candidate Stress-Response Genes in the Estuarine Anemone <i>Nematostella vectensis</i> . Biological Bulletin, 2008, 214, 233-254.	0.7	71
120	Protection of chlorophyllin against oxidative damage by inducing HO-1 and NQO1 expression mediated by PI3K/Akt and Nrf2. Free Radical Research, 2008, 42, 362-371.	1.5	58
121	Role of Nrf2 and Oxidative stress on Fenofibrate-Induced Hepatocarcinogenesis in Rats. Toxicological Sciences, 2008, 106, 339-349.	1.4	14
122	The cytoprotective Nrf2 transcription factor controls insulin receptor signaling in the regenerating liver. Cell Cycle, 2008, 7, 874-878.	1.3	42
123	Down-Regulated NF-E2–Related Factor 2 in Pulmonary Macrophages of Aged Smokers and Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 673-682.	1.4	255
124	Kavalactones Protect Neural Cells against Amyloid β Peptide-Induced Neurotoxicity via Extracellular Signal-Regulated Kinase 1/2-Dependent Nuclear Factor Erythroid 2-Related Factor 2 Activation. Molecular Pharmacology, 2008, 73, 1785-1795.	1.0	108
125	Phosphorylation and Dephosphorylation of Tyrosine 141 Regulate Stability and Degradation of INrf2. Journal of Biological Chemistry, 2008, 283, 17712-17720.	1.6	44
126	Quercetin 3-Glucoside Protects Neuroblastoma (SH-SY5Y) Cells in Vitro against Oxidative Damage by Inducing Sterol Regulatory Element-binding Protein-2-mediated Cholesterol Biosynthesis. Journal of Biological Chemistry, 2008, 283, 2231-2245.	1.6	56
127	Distal Airways in Mice Exposed to Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 400-411.	1.4	67
128	Network Inference Algorithms Elucidate Nrf2 Regulation of Mouse Lung Oxidative Stress. PLoS Computational Biology, 2008, 4, e1000166.	1.5	78

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129	The Antioxidant Response Element and Oxidative Stress Modifiers in Airway Diseases. Current Molecular Medicine, 2008, 8, 376-383.	0.6	66
130	Identification of Nrf2-dependent airway epithelial adaptive response to proinflammatory oxidant-hypochlorous acid challenge by transcription profiling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L469-L477.	1.3	28
131	Persistent Induction of Hepatic and Pulmonary Phase II Enzymes by 3-Methylcholanthrene in Rats. Toxicological Sciences, 2008, 102, 337-344.	1.4	17
132	Disruption of NAD(P)H:Quinone Oxidoreductase 1 Gene in Mice Leads to Radiation-Induced Myeloproliferative Disease. Cancer Research, 2008, 68, 7915-7922.	0.4	27
133	HO-1 underlies resistance of AML cells to TNF-induced apoptosis. Blood, 2008, 111, 3793-3801.	0.6	127
134	Dissecting the Signaling Events That Impact Classical Nuclear Import and Target Nuclear Transport Factors. PLoS ONE, 2009, 4, e8420.	1.1	36
135	Isolating a Cytoprotective Compound from <i>Ganoderma tsugae</i> : Effects on Induction of Nrf-2-Related Genes in Endothelial Cells. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1757-1763.	0.6	8
137	Heat shock increases expression of NAD(P)H:quinone oxidoreductase (NQO1), mediator of β-lapachone cytotoxicity, by increasing NQO1 gene activity and via Hsp70-mediated stabilisation of NQO1 protein. International Journal of Hyperthermia, 2009, 25, 477-487.	1.1	23
138	Active NF-E2-related Factor (Nrf2) Contributes to Keep Endothelial NO Synthase (eNOS) in the Coupled State. Journal of Biological Chemistry, 2009, 284, 31579-31586.	1.6	79
139	Differential regulation of inducible nitric oxide synthase and cyclooxygenase-2 expression by superoxide dismutase in lipopolysaccharide stimulated RAW 264.7 cells. Experimental and Molecular Medicine, 2009, 41, 629.	3.2	40
140	Regulation of Phase II Enzymes by Genistein and Daidzein in Male and Female Swiss Webster Mice. Journal of Medicinal Food, 2009, 12, 1227-1237.	0.8	29
141	Prothymosin-α Mediates Nuclear Import of the INrf2/Cul3·Rbx1 Complex to Degrade Nuclear Nrf2. Journal of Biological Chemistry, 2009, 284, 13856-13868.	1.6	58
142	Nrf2-dependent upregulation of antioxidative enzymes: a novel pathway for proteasome inhibitor-mediated cardioprotection. Cardiovascular Research, 2009, 83, 354-361.	1.8	185
143	The permissive role of mitochondria in the induction of haem oxygenase-1 in endothelial cells. Biochemical Journal, 2009, 419, 427-436.	1.7	23
144	Respiratory Syncytial Virus Induces Oxidative Stress by Modulating Antioxidant Enzymes. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 348-357.	1.4	170
145	Protective signalling effect of manganese superoxide dismutase in hypoxia-reoxygenation of hepatocytes. Free Radical Research, 2009, 43, 1225-1239.	1.5	24
146	Nrf2 Enhances Cell Proliferation and Resistance to Anticancer Drugs in Human Lung Cancer. Clinical Cancer Research, 2009, 15, 3423-3432.	3.2	373
147	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

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148	Western-Style Diets Induce Oxidative Stress and Dysregulate Immune Responses in the Colon in a Mouse Model of Sporadic Colon Cancer. Journal of Nutrition, 2009, 139, 2072-2078.	1.3	72
149	Activation of Nrf2 by cadmium and its role in protection against cadmium-induced apoptosis in rat kidney cells. Toxicology and Applied Pharmacology, 2009, 241, 81-89.	1.3	91
150	Cyclo(Hisâ€Pro) promotes cytoprotection by activating Nrf2â€mediated upâ€regulation of antioxidant defence. Journal of Cellular and Molecular Medicine, 2009, 13, 1149-1161.	1.6	35
151	Oxidant stress stimulates expression of the human peroxiredoxin 6 gene by a transcriptional mechanism involving an antioxidant response element. Free Radical Biology and Medicine, 2009, 46, 146-153.	1.3	119
152	Nrf2:INrf2 (Keap1) signaling in oxidative stress. Free Radical Biology and Medicine, 2009, 47, 1304-1309.	1.3	1,359
153	Diallyl sulfide enhances antioxidants and inhibits inflammation through the activation of Nrf2 against gentamicin-induced nephrotoxicity in Wistar rats. European Journal of Pharmacology, 2009, 606, 162-171.	1.7	147
154	Dysregulation of glutathione synthesis during cholestasis in mice: Molecular mechanisms and therapeutic implications. Hepatology, 2009, 49, 1982-1991.	3.6	79
155	γâ€Tocopherolâ€enriched mixed tocopherol diet inhibits prostate carcinogenesis in TRAMP mice. International Journal of Cancer, 2009, 124, 1693-1699.	2.3	111
156	Identification and characterization of an Nrf2â€mediated ARE upstream of the rat glutamate cysteine ligase catalytic subunit gene ( <i>GCLC</i> ). Journal of Cellular Biochemistry, 2009, 107, 944-954.	1.2	27
157	Role of a fetal defence mechanism against oxidative stress in the aetiology of preeclampsia. Histopathology, 2009, 55, 102-106.	1.6	35
158	The histone methylase KMTox interacts with the redoxâ€sensor peroxiredoxinâ€1 and targets genes involved in <i>Toxoplasma gondii</i> antioxidant defences. Molecular Microbiology, 2009, 71, 212-226.	1.2	24
159	Melatonin downregulates nuclear erythroid 2â€related factor 2 and nuclear factorâ€kappaB during prevention of oxidative liver injury in a dimethylnitrosamine model. Journal of Pineal Research, 2009, 47, 173-183.	3.4	107
160	Curcumin, quercetin, and tBHQ modulate glutathione levels in astrocytes and neurons: importance of the glutamate cysteine ligase modifier subunit. Journal of Neurochemistry, 2009, 108, 1410-1422.	2.1	95
161	The Major Green Tea Polyphenol, (-)-Epigallocatechin-3-Gallate, Induces Heme Oxygenase in Rat Neurons and Acts as an Effective Neuroprotective Agent against Oxidative Stress. Journal of the American College of Nutrition, 2009, 28, 492S-499S.	1.1	86
162	Targeting the redox sensitive Nrf2–Keap1 defense pathway in cardiovascular disease: protection afforded by dietary isoflavones. Current Opinion in Pharmacology, 2009, 9, 139-145.	1.7	137
163	Mitochondrial mechanisms of cell death and neuroprotection in pediatric ischemic and traumatic brain injury. Experimental Neurology, 2009, 218, 371-380.	2.0	122
164	PKCδ mediates Nrf2-dependent protection of neuronal cells from NO-induced apoptosis. Biochemical and Biophysical Research Communications, 2009, 386, 750-756.	1.0	22
165	Mechanisms of flavonoid protection against myocardial ischemia–reperfusion injury. Journal of Molecular and Cellular Cardiology, 2009, 46, 309-317.	0.9	153

	CITATION	REPORT	
# 166	ARTICLE Regulation of glutathione synthesis. Molecular Aspects of Medicine, 2009, 30, 42-59.	IF 2.7	Citations
167	Antioxidant responses to azinphos methyl and carbaryl during the embryonic development of the toad Rhinella (Bufo) arenarum Hensel. Aquatic Toxicology, 2009, 93, 37-44.	1.9	41
168	Glutathione dysregulation and the etiology and progression of human diseases. Biological Chemistry, 2009, 390, 191-214.	1.2	873
169	Transcriptional regulation of rat γ-glutamate cysteine ligase catalytic subunit gene is mediated through a distal antioxidant response element. Pharmacological Research, 2009, 60, 229-236.	3.1	23
170	Nitric oxide activation of Keap1/Nrf2 signaling in human colon carcinoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14547-14551.	3.3	90
171	Alveolar Oxidative Stress is Associated with Elevated Levels of Nonenzymatic Low-Molecular-Weight Antioxidants in Patients with Different Forms of Chronic Fibrosing Interstitial Lung Diseases. Antioxidants and Redox Signaling, 2009, 11, 227-240.	2.5	46
172	Dual Anti-oxidative Effects of Fraxetin Isolated from Fraxinus rhinchophylla. Biological and Pharmaceutical Bulletin, 2009, 32, 1527-1532.	0.6	42
173	Geniposide Induces the Expression of Heme Oxygenase-1 via PI3K/Nrf2-Signaling to Enhance the Antioxidant Capacity in Primary Hippocampal Neurons. Biological and Pharmaceutical Bulletin, 2010, 33, 1841-1846.	0.6	57
174	Role of physiological factors in predicting the risk of oncological diseases on the basis of the polymorphism of the xenobiotic metabolism enzyme system. Human Physiology, 2010, 36, 723-736.	0.1	1
175	Cardiotoxic effects of arsenic trioxide/imatinib mesilate combination in rats. Journal of Pharmacy and Pharmacology, 2010, 58, 567-573.	1.2	32
176	Sulforaphane suppresses LPS-induced inflammation in primary rat microglia. Inflammation Research, 2010, 59, 443-450.	1.6	116
177	NF-E2-related factor 2, a key inducer of antioxidant defenses, negatively regulates the CFTR transcription. Cellular and Molecular Life Sciences, 2010, 67, 2297-2309.	2.4	27
178	Enhancement of mitomycin C-induced apoptosis in Nrf2-deficient human colon cancer cells. Molecular and Cellular Toxicology, 2010, 6, 51-56.	0.8	8
179	Brain mitochondria from rats treated with sulforaphane are resistant to redox-regulated permeability transition. Journal of Bioenergetics and Biomembranes, 2010, 42, 491-497.	1.0	49
180	Kaempferol Suppresses Cisplatin-Induced Apoptosis Via Inductions of Heme Oxygenase-1 and Glutamate-Cysteine Ligase Catalytic Subunit in HEI-OC1 cells. Pharmaceutical Research, 2010, 27, 235-245.	1.7	40
181	Nrf2-Keap1 Signaling as a Potential Target for Chemoprevention of Inflammation-Associated Carcinogenesis. Pharmaceutical Research, 2010, 27, 999-1013.	1.7	153
182	Nrf2 signaling and cell survival. Toxicology and Applied Pharmacology, 2010, 244, 37-42.	1.3	339
183	Antioxidant activities of oleanolic acid in vitro: Possible role of Nrf2 and MAP kinases. Chemico-Biological Interactions, 2010, 184, 328-337.	1.7	202

#	Article	IF	CITATIONS
184	Quercetin-3-O-β-d-glucuronopyranoside (QGC)-induced HO-1 expression through ERK and PI3K activation in cultured feline esophageal epithelial cells. Fìtoterapìâ, 2010, 81, 85-92.	1.1	25
185	The NAD(P)H:Quinone Oxidoreductase 1 induces cell cycle progression and proliferation of melanoma cells. Free Radical Biology and Medicine, 2010, 48, 1601-1609.	1.3	46
186	Trans-4-hydroxy-2-hexenal, a product of n-3 fatty acid peroxidation: Make some room HNE…. Free Radical Biology and Medicine, 2010, 49, 1-8.	1.3	159
187	Bcl-2 sustains hormetic response by inducing Nrf-2 nuclear translocation in L929 mouse fibroblasts. Free Radical Biology and Medicine, 2010, 49, 1192-1204.	1.3	22
189	Induction of avian musculoaponeurotic fibrosarcoma proteins by toxic bile acid inhibits expression of glutathione synthetic enzymes and contributes to cholestatic liver injury in mice. Hepatology, 2010, 51, 1291-1301.	3.6	32
190	Dietary lycopene and tomato extract supplementations inhibit nonalcoholic steatohepatitisâ€promoted hepatocarcinogenesis in rats. International Journal of Cancer, 2010, 126, 1788-1796.	2.3	141
191	Ras inhibits endoplasmic reticulum stress in human cancer cells with amplified <i>Myc</i> . International Journal of Cancer, 2010, 126, 2268-2281.	2.3	21
192	Upregulation of genes orchestrating keratinocyte differentiation, including the novel marker gene <i>ID2</i> , by contact sensitizers in human bulgeâ€derived keratinocytes. Journal of Biochemical and Molecular Toxicology, 2010, 24, 10-20.	1.4	6
193	Enantioanalysis of S-deprenyl using enantioselective, potentiometric membrane electrodes based on C60 derivatives. Electrochimica Acta, 2010, 55, 1772-1777.	2.6	3
195	Antioxidant Activity and Total Phenolic Content of 24 Lamiaceae Species Growing in Iran. Natural Product Communications, 2010, 5, 1934578X1000500.	0.2	17
196	Neuroprotection through Stimulation of Mitochondrial Antioxidant Protein Expression. Journal of Alzheimer's Disease, 2010, 20, S427-S437.	1.2	33
197	Hepatitis B Virus Induces Expression of Antioxidant Response Element-regulated Genes by Activation of Nrf2. Journal of Biological Chemistry, 2010, 285, 41074-41086.	1.6	87
198	Antioxidant-induced Phosphorylation of Tyrosine 486 Leads to Rapid Nuclear Export of Bach1 That Allows Nrf2 to Bind to the Antioxidant Response Element and Activate Defensive Gene Expression. Journal of Biological Chemistry, 2010, 285, 153-162.	1.6	113
199	TGF-β–Activated Kinase 1 Signaling Maintains Intestinal Integrity by Preventing Accumulation of Reactive Oxygen Species in the Intestinal Epithelium. Journal of Immunology, 2010, 185, 4729-4737.	0.4	51
200	c-Fos Proteasomal Degradation Is Activated by a Default Mechanism, and Its Regulation by NAD(P)H:Quinone Oxidoreductase 1 Determines c-Fos Serum Response Kinetics. Molecular and Cellular Biology, 2010, 30, 3767-3778.	1.1	44
201	Ablation of the Transcription Factor Nrf2 Promotes Ischemia-Induced Neovascularization by Enhancing the Inflammatory Response. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1553-1561.	1.1	37
202	Protein Misfolding and Obstructive Lung Disease. Proceedings of the American Thoracic Society, 2010, 7, 346-355.	3.5	24
203	Up-Regulation of Human CYP2J2 in HepG2 Cells by Butylated Hydroxyanisole Is Mediated by c-Jun and Nrf2. Molecular Pharmacology, 2010, 77, 987-994.	1.0	26

#	Article	IF	CITATIONS
204	An Autoregulatory Loop between Nrf2 and Cul3-Rbx1 Controls Their Cellular Abundance. Journal of Biological Chemistry, 2010, 285, 21349-21358.	1.6	59
205	Hsp90 Interaction with INrf2(Keap1) Mediates Stress-induced Nrf2 Activation. Journal of Biological Chemistry, 2010, 285, 36865-36875.	1.6	35
206	Diversity in Antioxidant Response Enzymes in Progressive Stages of Human Nonalcoholic Fatty Liver Disease. Drug Metabolism and Disposition, 2010, 38, 2293-2301.	1.7	157
207	Protection of vascular cells from oxidative stress by proteasome inhibition depends on Nrf2. Cardiovascular Research, 2010, 85, 395-403.	1.8	82
208	Nrf2 Signaling, a Mechanism for Cellular Stress Resistance in Long-Lived Mice. Molecular and Cellular Biology, 2010, 30, 871-884.	1.1	123
209	Ethyl Pyruvate Therapy Attenuates Experimental Severe Arthritis Caused by Type II Collagen (CII) in the Mouse (CIA). International Journal of Immunopathology and Pharmacology, 2010, 23, 1087-1098.	1.0	6
210	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
211	Transcriptional responses in the adaptation to ischaemia-reperfusion injury: a study of the effect of ischaemic preconditioning in total knee arthroplasty patients. Journal of Translational Medicine, 2010, 8, 46.	1.8	27
212	p53 Regulation of Metabolic Pathways. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001040-a001040.	2.3	158
213	Proteasomal Degradation Is Transcriptionally Controlled by TCF11 via an ERAD-Dependent Feedback Loop. Molecular Cell, 2010, 40, 147-158.	4.5	311
214	Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid $\hat{l}^2$ formation in NT2N neurons. Biochimie, 2010, 92, 245-253.	1.3	90
215	Nrf2 deficiency influences susceptibility to steroid resistance via HDAC2 reduction. Biochemical and Biophysical Research Communications, 2010, 403, 452-456.	1.0	62
216	Fluvastatin protects vascular smooth muscle cells against oxidative stress through the Nrf2-dependent antioxidant pathway. Atherosclerosis, 2010, 213, 377-384.	0.4	46
217	Enzyme Regulation*. , 2010, , 9-29.		2
218	Redox Control of Liver Function in Health and Disease. Antioxidants and Redox Signaling, 2010, 12, 1295-1331.	2.5	155
219	Multistage carcinogenesis process as molecular targets in cancer chemoprevention by epicatechin-3-gallate. Food and Function, 2011, 2, 101.	2.1	57
220	Antimutagenic Constituents of Adlay (Coix lachryma-jobi L. var. <i>ma-yuen</i> Stapf) with Potential Cancer Chemopreventive Activity. Journal of Agricultural and Food Chemistry, 2011, 59, 6444-6452.	2.4	55
221	New Insights into Neuroblastoma Cisplatin Resistance: A Comparative Proteomic and Meta-Mining Investigation. Journal of Proteome Research, 2011, 10, 416-428.	1.8	47

#	Article	IF	CITATIONS
222	Antioxidant capacity develops with maturation in the deep-diving hooded seal. Journal of Experimental Biology, 2011, 214, 2903-2910.	0.8	26
223	Prolonged fasting increases glutathione biosynthesis in postweaned northern elephant seals. Journal of Experimental Biology, 2011, 214, 1294-1299.	0.8	54
224	Antitumor activity of nifurtimox is enhanced with tetrathiomolybdate in medulloblastoma. International Journal of Oncology, 2011, 38, 1329-41.	1.4	18
225	Drug metabolism alterations in nonalcoholic fatty liver disease. Drug Metabolism Reviews, 2011, 43, 317-334.	1.5	136
226	Hydroxytyrosol Induces Proliferation and Cytoprotection against Oxidative Injury in Vascular Endothelial Cells: Role of Nrf2 Activation and HO-1 Induction. Journal of Agricultural and Food Chemistry, 2011, 59, 4473-4482.	2.4	93
227	The Search for Reliable Biomarkers of Disease in Multiple Chemical Sensitivity and Other Environmental Intolerances. International Journal of Environmental Research and Public Health, 2011, 8, 2770-2797.	1.2	59
228	Peroxiredoxin 6: A Bifunctional Enzyme with Glutathione Peroxidase and Phospholipase A <sub>2</sub> Activities. Antioxidants and Redox Signaling, 2011, 15, 831-844.	2.5	329
229	Apnea stimulates the adaptive response to oxidative stress in elephant seal pups. Journal of Experimental Biology, 2011, 214, 4193-4200.	0.8	50
230	Attenuation of LPS-induced apoptosis in NGF-differentiated PC12 cells via NF-κB pathway and regulation of cellular redox status by an oxazine derivative. Biochimie, 2011, 93, 899-908.	1.3	33
231	Myocardial oxidative stress following sub-chronic and chronic oral cadmium exposure in rats. Environmental Toxicology and Pharmacology, 2011, 32, 17-26.	2.0	28
232	Cadmium-induced up-regulation of aldo–keto reductase 1C3 expression in human nasal septum carcinoma RPMI-2650 cells: Involvement of reactive oxygen species and phosphatidylinositol 3-kinase/Akt. Environmental Toxicology and Pharmacology, 2011, 31, 469-478.	2.0	17
233	Anthocyanins from purple sweet potato attenuate dimethylnitrosamine-induced liver injury in rats by inducing Nrf2-mediated antioxidant enzymes and reducing COX-2 and iNOS expression. Food and Chemical Toxicology, 2011, 49, 93-99.	1.8	133
234	Protective mechanisms of anthocyanins from purple sweet potato against tert-butyl hydroperoxide-induced hepatotoxicity. Food and Chemical Toxicology, 2011, 49, 2081-2089.	1.8	88
235	MyD88 is a mediator for the activation of Nrf2. Biochemical and Biophysical Research Communications, 2011, 404, 46-51.	1.0	23
236	Oxidative stress and Nrf2 in the pathophysiology of diabetic neuropathy: Old perspective with a new angle. Biochemical and Biophysical Research Communications, 2011, 408, 1-5.	1.0	118
237	Role of oxidative stress in rheumatoid arthritis: insights from the Nrf2-knockout mice. Annals of the Rheumatic Diseases, 2011, 70, 844-850.	0.5	223
238	In vitro evaluation of the toxicity induced by nickel soluble and particulate forms in human airway epithelial cells. Toxicology in Vitro, 2011, 25, 454-461.	1.1	120
239	Activity-dependent neuroprotective protein (ADNP)-derived peptide (NAP) ameliorates hypobaric hypoxia induced oxidative stress in rat brain. Peptides, 2011, 32, 1217-1224.	1.2	30

#	Article	IF	CITATIONS
240	Redox Control of the Survival of Healthy and Diseased Cells. Antioxidants and Redox Signaling, 2011, 15, 2867-2908.	2.5	145
241	Antioxidative effects of whey protein on peroxide-induced cytotoxicity. Journal of Dairy Science, 2011, 94, 3739-3746.	1.4	45
242	Interplay between Vascular Endothelial Growth Factor (VEGF) and Nuclear Factor Erythroid 2-related Factor-2 (Nrf2). Journal of Biological Chemistry, 2011, 286, 42863-42872.	1.6	85
243	CO/HO-1 Induces NQO-1 Expression via Nrf2 Activation. Immune Network, 2011, 11, 376.	1.6	29
244	Icariside II Enhances Nrf2 Nuclear Translocation to Upregulate Phase II Detoxifying Enzyme Expression Coupled with the ERK, Akt and JNK Signaling Pathways. Molecules, 2011, 16, 9234-9244.	1.7	31
245	TCF11 at the crossroads of oxidative stress and the ubiquitin proteasome system. Cell Cycle, 2011, 10, 1200-1207.	1.3	19
246	The impact of inflammatory licensing on heme oxygenase-1–mediated induction of regulatory T cells by human mesenchymal stem cells. Blood, 2011, 117, 4826-4835.	0.6	191
247	Antioxidant mechanism of isoflavone metabolites in hydrogen peroxideâ€stimulated rat primary astrocytes: critical role of hemeoxygenaseâ€1 and NQO1 expression. Journal of Neurochemistry, 2011, 119, 909-919.	2.1	64
248	Cell defense systems against oxidative stress and endoplasmic reticulum stress: Mechanisms of regulation and the effect of hepatitis C virus. Molecular Biology, 2011, 45, 110-122.	0.4	9
249	Disruption of NAD(P)H:quinone oxidoreductase 1 gene in mice leads to 20S proteasomal degradation of p63 resulting in thinning of epithelium and chemical-induced skin cancer. Oncogene, 2011, 30, 1098-1107.	2.6	21
250	Inducible bilirubin oxidase: A novel function for the mouse cytochrome P450 2A5. Toxicology and Applied Pharmacology, 2011, 257, 14-22.	1.3	33
251	Soy isoflavones increase quinone reductase in hepa-1c1c7 cells via estrogen receptor beta and nuclear factor erythroid 2-related factor 2 binding to the antioxidant response element. Journal of Nutritional Biochemistry, 2011, 22, 843-848.	1.9	31
252	2-Ethoxy-4,5-diphenyl-1,3-oxazine-6-one activates the Nrf2/HO-1 axis and protects against oxidative stress-induced neuronal death. European Journal of Pharmacology, 2011, 658, 84-90.	1.7	29
253	Novel role of RGS2 in regulation of antioxidant homeostasis in neuronal cells. FEBS Letters, 2011, 585, 1375-1381.	1.3	18
254	Luteolin inhibits Nrf2 leading to negative regulation of the Nrf2/ARE pathway and sensitization of human lung carcinoma A549 cells to therapeutic drugs. Free Radical Biology and Medicine, 2011, 50, 1599-1609.	1.3	270
255	ROS-activated p38 MAPK/ERK-Akt cascade plays a central role in palmitic acid-stimulated hepatocyte proliferation. Free Radical Biology and Medicine, 2011, 51, 539-551.	1.3	127
256	Nox4 regulates Nrf2 and glutathione redox in cardiomyocytes in vivo. Free Radical Biology and Medicine, 2011, 51, 205-215.	1.3	146
257	Transcriptional modulation of the NAD(P)H:quinone oxidoreductase 1 by mercury in human hepatoma HepG2 cells. Free Radical Biology and Medicine, 2011, 51, 1675-1685.	1.3	16

#	Article	IF	Citations
258	Sulforaphane inhibits mitochondrial permeability transition and oxidative stress. Free Radical Biology and Medicine, 2011, 51, 2164-2171.	1.3	74
259	Benzylidenemalononitrile compounds as activators of cell resistance to oxidative stress and modulators of multiple signaling pathways. A structure–activity relationship study. Biochemical Pharmacology, 2011, 82, 535-547.	2.0	27
260	Protein damage from electrophiles and oxidants in lungs of mice chronically exposed to the tumor promoter butylated hydroxytoluene. Chemico-Biological Interactions, 2011, 192, 278-286.	1.7	18
261	Role of <i>NQO1</i> 609C>T and <i>NQO2-</i> 3423G>A Polymorphisms in Susceptibility to Gastric Cancer in Kashmir Valley. DNA and Cell Biology, 2011, 30, 297-303.	0.9	31
262	The Protective Effect of ENA Actimineral Resource A on CCl4-Induced Liver Injury in Rats. Marine Biotechnology, 2011, 13, 462-473.	1.1	7
263	Upregulation of transcription factor NRF2-mediated oxidative stress response pathway in rat brain under short-term chronic hypobaric hypoxia. Functional and Integrative Genomics, 2011, 11, 119-137.	1.4	42
264	Antitumor agent PX-12 inhibits HIF-1α protein levels through an Nrf2/PMF-1-mediated increase in spermidine/spermine acetyl transferase. Cancer Chemotherapy and Pharmacology, 2011, 68, 405-413.	1.1	39
265	NFE2L3 (NRF3): the Cinderella of the Capâ€~n'Collar transcription factors. Cellular and Molecular Life Sciences, 2011, 68, 3337-3348.	2.4	85
266	The Nrf2–Keap1 cellular defense pathway and heat shock protein 70 (Hsp70) response. Role in protection against oxidative stress in early neonatal unilateral ureteral obstruction (UUO). Cell Stress and Chaperones, 2011, 16, 57-68.	1.2	56
267	The Nrf2â€inducible antioxidant defense in astrocytes can be both up―and downâ€regulated by activated microglia:Involvement of p38 MAPK. Clia, 2011, 59, 785-799.	2.5	39
268	Nrf2/HOâ€1 pathway activation by manganese is associated with reactive oxygen species and ubiquitin–proteasome pathway, not MAPKs signaling. Journal of Applied Toxicology, 2011, 31, 690-697.	1.4	50
269	Effects of azinphos methyl and carbaryl on Rhinella arenarum larvae esterases and antioxidant enzymes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 34-39.	1.3	36
270	NSAIDs inhibit neovascularization of choroid through HO-1-dependent pathway. Laboratory Investigation, 2011, 91, 1277-1290.	1.7	35
271	TNF Mediates the Sustained Activation of Nrf2 in Human Monocytes. Journal of Immunology, 2011, 187, 702-707.	0.4	63
272	Viral-mediated Inhibition of Antioxidant Enzymes Contributes to the Pathogenesis of Severe Respiratory Syncytial Virus Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 1550-1560.	2.5	140
273	Hepatitis C Virus Impairs the Induction of Cytoprotective Nrf2 Target Genes by Delocalization of Small Maf Proteins. Journal of Biological Chemistry, 2011, 286, 8941-8951.	1.6	100
274	Nrf2 Induces Interleukin-6 (IL-6) Expression via an Antioxidant Response Element within the IL-6 Promoter. Journal of Biological Chemistry, 2011, 286, 4493-4499.	1.6	109
275	Acetylation-Deacetylation of the Transcription Factor Nrf2 (Nuclear Factor Erythroid 2-related) Tj ETQq1 1 0.7843 Biological Chemistry, 2011, 286, 7629-7640.	14 rgBT /( 1.6	Overlock 10 268

#	Article	IF	CITATIONS
276	Sublethal concentrations of azinphos-methyl induce biochemical and morphological alterations in Rhinella arenarum embryos. Chemistry and Ecology, 2011, 27, 557-568.	0.6	11
277	Genetic Deletion of Nrf2 Promotes Immortalization and Decreases Life Span of Murine Embryonic Fibroblasts. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 247-256.	1.7	28
278	Antioxidant mimetics modulate oxidative stress and cellular signaling in airway epithelial cells infected with respiratory syncytial virus. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L991-L1000.	1.3	42
279	Cardioprotective Effect of Paeonol and Danshensu Combination on Isoproterenol-Induced Myocardial Injury in Rats. PLoS ONE, 2012, 7, e48872.	1.1	149
280	Profiling Environmental Chemicals for Activity in the Antioxidant Response Element Signaling Pathway Using a High Throughput Screening Approach. Environmental Health Perspectives, 2012, 120, 1150-1156.	2.8	42
281	Mercuric Compounds Induce Pancreatic Islets Dysfunction and Apoptosis in Vivo. International Journal of Molecular Sciences, 2012, 13, 12349-12366.	1.8	17
282	Immunocal® and Preservation of Glutathione as a Novel Neuroprotective Strategy for Degenerative Disorders of the Nervous System. Recent Patents on CNS Drug Discovery, 2012, 7, 230-235.	0.9	24
283	Epithelial transforming growth factor Â-activated kinase 1 (TAK1) is activated through two independent mechanisms and regulates reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3365-3370.	3.3	51
284	Identification of Ketoconazole as an AhR-Nrf2 Activator in Cultured Human Keratinocytes: The Basis of Its Anti-Inflammatory Effect. Journal of Investigative Dermatology, 2012, 132, 59-68.	0.3	140
285	Skin photoprotection and nutraceuticals: an overview. Human Health Handbooks, 2012, , 216-231.	0.1	1
286	Modulation of Transcription Factor Nrf2 in an <i>In Vitro</i> Model of Traumatic Brain Injury. Journal of Neurotrauma, 2012, 29, 1188-1196.	1.7	29
287	Mechanism and Significance of Changes in Glutamate-Cysteine Ligase Expression during Hepatic Fibrogenesis. Journal of Biological Chemistry, 2012, 287, 36341-36355.	1.6	49
288	SERPINA3K Protects against Oxidative Stress via Modulating ROS Generation/Degradation and KEAP1-NRF2 Pathway in the Corneal Epithelium. , 2012, 53, 5033.		35
289	Oleanolic Acid: A Novel Cardioprotective Agent That Blunts Hyperglycemia-Induced Contractile Dysfunction. PLoS ONE, 2012, 7, e47322.	1.1	40
290	Bepridil decreases <scp>A</scp> β and calcium levels in the thalamus after middle cerebral artery occlusion in rats. Journal of Cellular and Molecular Medicine, 2012, 16, 2754-2767.	1.6	18
291	A Diet Rich in Olive Oil Phenolics Reduces Oxidative Stress in the Heart of SAMP8 Mice by Induction of Nrf2-Dependent Gene Expression. Rejuvenation Research, 2012, 15, 71-81.	0.9	111
292	Cadmium-induced oxidative stress and histological damage in the myocardium. Effects of a soy-based diet. Toxicology and Applied Pharmacology, 2012, 265, 380-389.	1.3	52
293	NAD(P)H:quinone Oxidoreductase 1 (NQO1) Competes with 20S Proteasome for Binding with C/EBPα Leading to Its Stabilization and Protection against Radiation-induced Myeloproliferative Disease. Journal of Biological Chemistry, 2012, 287, 41608-41618.	1.6	14

#	Article	IF	CITATIONS
294	Novel Mitochondrial Targets for Neuroprotection. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1362-1376.	2.4	128
295	Role of NQO1 609C>T and NQO2 â~'3423C>A gene polymorphisms in esophageal cancer risk in Kashmir valley and meta analysis. Molecular Biology Reports, 2012, 39, 9095-9104.	1.0	25
296	Antioxidant and bioenergetic coupling between neurons and astrocytes. Biochemical Journal, 2012, 443, 3-11.	1.7	210
297	Nrf2: Friend <i>and</i> Foe in Preventing Cigarette Smoking-Dependent Lung Disease. Chemical Research in Toxicology, 2012, 25, 1805-1824.	1.7	66
298	Induction of apoptosis and autophagy by sodium selenite in A549 human lung carcinoma cells through generation of reactive oxygen species. Toxicology Letters, 2012, 212, 252-261.	0.4	119
299	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
300	Identification of ageâ€specific Nrf2 binding to a novel antioxidant response element locus in the Gclc promoter: a compensatory means for the loss of glutathione synthetic capacity in the aging rat liver?. Aging Cell, 2012, 11, 297-304.	3.0	39
301	EGCG inhibits Tat-induced LTR transactivation: Role of Nrf2, AKT, AMPK signaling pathway. Life Sciences, 2012, 90, 747-754.	2.0	34
302	8-Oxoguanine DNA glycosylase 1 (OGG1) from the copepod Tigriopus japonicus: Molecular characterization and its expression in response to UV-B and heavy metals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 290-299.	1.3	5
303	Alzheimer's Disease: Redox Dysregulation As a Common Denominator for Diverse Pathogenic Mechanisms. Antioxidants and Redox Signaling, 2012, 16, 974-1031.	2.5	163
304	The omegaâ€6 fatty acid derivative 15â€deoxyâ€î" <sup>12,14</sup> â€prostaglandin J2 is involved in neuroprotection by enteric glial cells against oxidative stress. Journal of Physiology, 2012, 590, 2739-2750.	1.3	46
305	Anti-oxidative stress regulator NF-E2-related factor 2 mediates the adaptive induction of antioxidant and detoxifying enzymes by lipid peroxidation metabolite 4-hydroxynonenal. Cell and Bioscience, 2012, 2, 40.	2.1	81
307	NAD(P)H:quinone oxidoreductase expression in Cyp1a-knockout and CYP1A-humanized mouse lines and its effect on bioactivation of the carcinogen aristolochic acid I. Toxicology and Applied Pharmacology, 2012, 265, 360-367.	1.3	24
308	The Nrf2-antioxidant response element pathway: a target for regulating energy metabolism. Journal of Nutritional Biochemistry, 2012, 23, 1201-1206.	1.9	196
309	Induction of Phase 2 Antioxidant Enzymes by Broccoli Sulforaphane: Perspectives in Maintaining the Antioxidant Activity of Vitamins A, C, and E. Frontiers in Genetics, 2012, 3, 7.	1.1	84
310	Cardiac and renal function in patients with type 2 diabetes who have chronic kidney disease: potential effects of bardoxolone methyl. Drug Design, Development and Therapy, 2012, 6, 141.	2.0	8
311	Phytoalexins in cancer prevention. Frontiers in Bioscience - Landmark, 2012, 17, 2035.	3.0	13
312	The curcumin analog ca27 downâ€regulates androgen receptor through an oxidative stress mediated mechanism in human prostate cancer cells. Prostate, 2012, 72, 612-625.	1.2	29

#	Article	IF	CITATIONS
313	Nrf2 Protein Up-regulates Antiapoptotic Protein Bcl-2 and Prevents Cellular Apoptosis. Journal of Biological Chemistry, 2012, 287, 9873-9886.	1.6	416
314	Standardized extract of <i>Bacopa monniera</i> (BESEB CDRIâ€08) attenuates contextual associative learning deficits in the aging rat's brain induced by Dâ€galactose. Journal of Neuroscience Research, 2012, 90, 2053-2064.	1.3	40
315	Protective effects of salecan against carbon tetrachlorideâ€induced acute liver injury in mice. Journal of Applied Toxicology, 2012, 32, 796-803.	1.4	22
316	Oxidative damage of lung and its protective mechanism in mice caused by longâ€ŧerm exposure to titanium dioxide nanoparticles. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2554-2562.	2.1	53
317	The cytoprotective effect of butin against oxidative stress is mediated by the upâ€regulation of manganese superoxide dismutase expression through a PI3K/Akt/Nrf2â€dependent pathway. Journal of Cellular Biochemistry, 2012, 113, 1987-1997.	1.2	52
318	Nadroparin Sodium Activates Nrf2/HO-1 Pathway in Acetic Acid-Induced Colitis in Rats. Inflammation, 2012, 35, 1213-1221.	1.7	25
319	Allopurinol Ameliorates Thioacetamide-Induced Acute Liver Failure by Regulating Cellular Redox-Sensitive Transcription Factors in Rats. Inflammation, 2012, 35, 1549-1557.	1.7	39
320	The plasma membrane redox enzyme NQO1 sustains cellular energetics and protects human neuroblastoma cells against metabolic and proteotoxic stress. Age, 2012, 34, 359-370.	3.0	26
321	Involvement of molecular chaperones and the transcription factor Nrf2 in neuroprotection mediated by para-substituted-4,5-diaryl-3-thiomethyl-1,2,4-triazines. Cell Stress and Chaperones, 2012, 17, 409-422.	1.2	9
322	Coping with physiological oxidative stress: a review of antioxidant strategies in seals. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 741-750.	0.7	66
323	System x <sub>c</sub> <sup>â€</sup> cystine/glutamate antiporter: an update on molecular pharmacology and roles within the CNS. British Journal of Pharmacology, 2012, 165, 20-34.	2.7	380
324	The anthocyanin cyanidin-3-O-β-glucoside, a flavonoid, increases hepatic glutathione synthesis and protects hepatocytes against reactive oxygen species during hyperglycemia: Involvement of a cAMP–PKA-dependent signaling pathway. Free Radical Biology and Medicine, 2012, 52, 314-327.	1.3	194
325	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
326	S-Glutathionylation signaling in cell biology: Progress and prospects. European Journal of Pharmaceutical Sciences, 2012, 46, 279-292.	1.9	152
327	Cap-independent Nrf2 translation is part of a lipoic acid-stimulated detoxification stress response. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1102-1109.	1.9	81
328	Mangiferin exerts hepatoprotective activity against D-galactosamine induced acute toxicity and oxidative/nitrosative stress via Nrf2–NFήB pathways. Toxicology and Applied Pharmacology, 2012, 260, 35-47.	1.3	149
329	Dietary moderately oxidized oil activates the Nrf2 signaling pathway in the liver of pigs. Lipids in Health and Disease, 2012, 11, 31.	1.2	30
330	The curcuminoid CLEFMA selectively induces cell death in H441 lung adenocarcinoma cells via oxidative stress. Investigational New Drugs, 2012, 30, 558-567.	1.2	24

#	Article	IF	CITATIONS
331	Drug resistance associates with activation of Nrf2 in <scp>MCF</scp> â€7/ <scp>DOX</scp> cells, and wogonin reverses it by downâ€regulating Nrf2â€mediated cellular defense response. Molecular Carcinogenesis, 2013, 52, 824-834.	1.3	88
332	Erg and AP-1 as determinants of glucocorticoid response in acute lymphoblastic leukemia. Oncogene, 2013, 32, 3039-3048.	2.6	31
333	Hepatoprotective effects of Sâ€adenosylmethionine and silybin on canine hepatocytes <i>in vitro</i> . Journal of Animal Physiology and Animal Nutrition, 2013, 97, 331-341.	1.0	27
334	Caloric Restriction-Mediated Induction of Lipid Metabolism Gene Expression in Liver is Enhanced by Keap1-Knockdown. Pharmaceutical Research, 2013, 30, 2221-2231.	1.7	11
335	Sub-acute administration of (S)-dimethyl 2-(3-(phenyltellanyl) propanamido) succinate induces toxicity and oxidative stress in mice: unexpected effects of N-acetylcysteine. SpringerPlus, 2013, 2, 182.	1.2	4
336	Glutathione synthesis. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3143-3153.	1.1	1,418
337	Interleukin-6 modulates oxidative stress produced during the development of cisplatin nephrotoxicity. Life Sciences, 2013, 92, 694-700.	2.0	46
338	The antioxidants in oils heated at frying temperature, whether natural or added, could protect against postprandial oxidative stress in obese people. Food Chemistry, 2013, 138, 2250-2259.	4.2	46
339	Epigenetic silencing of NAD(P)H:quinone oxidoreductase 1 by hepatitis B virus X protein increases mitochondrial injury and cellular susceptibility to oxidative stress in hepatoma cells. Free Radical Biology and Medicine, 2013, 65, 632-644.	1.3	29
340	4-Methoxychalcone Enhances Cisplatin-Induced Oxidative Stress and Cytotoxicity by Inhibiting the Nrf2/ARE-Mediated Defense Mechanism in A549 Lung Cancer Cells. Molecules and Cells, 2013, 36, 340-346.	1.0	40
341	Antioxidant system response is modified by dietary fat in adipose tissue of metabolic syndrome patients. Journal of Nutritional Biochemistry, 2013, 24, 1717-1723.	1.9	36
342	The pathological roles of environmental and redox stresses in cardiovascular diseases. Environmental Health and Preventive Medicine, 2013, 18, 177-184.	1.4	25
343	Upregulation of phase II enzymes through phytochemical activation of Nrf2 protects cardiomyocytes against oxidant stress. Free Radical Biology and Medicine, 2013, 56, 102-111.	1.3	84
344	The transcription factor NFâ€E2â€related Factor 2 (Nrf2): a protooncogene?. FASEB Journal, 2013, 27, 414-423.	0.2	166
345	Cajaninstilbene acid (CSA) exerts cytoprotective effects against oxidative stress through the Nrf2-dependent antioxidant pathway. Toxicology Letters, 2013, 219, 254-261.	0.4	33
346	Curcumin maintains cardiac and mitochondrial function in chronic kidney disease. Free Radical Biology and Medicine, 2013, 61, 119-129.	1.3	80
347	Gene expression profiling for analysis acquired oxaliplatin resistant factors in human gastric carcinoma TSGH-S3 cells: The role of IL-6 signaling and Nrf2/AKR1C axis identification. Biochemical Pharmacology, 2013, 86, 872-887.	2.0	47
348	Platycodi Radix attenuates dimethylnitrosamine-induced liver fibrosis in rats by inducing Nrf2-mediated antioxidant enzymes. Food and Chemical Toxicology, 2013, 56, 231-239.	1.8	30

#	Article	IF	CITATIONS
349	Insulin-like growth factor-1 regulates glutathione peroxidase expression and activity in vascular endothelial cells: Implications for atheroprotective actions of insulin-like growth factor-1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 391-399.	1.8	48
350	Deletion of Nrf2 impairs functional recovery, reduces clearance of myelin debris and decreases axonal remyelination after peripheral nerve injury. Neurobiology of Disease, 2013, 54, 329-338.	2.1	43
351	Angiotensin receptor-mediated oxidative stress is associated with impaired cardiac redox signaling and mitochondrial function in insulin-resistant rats. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H599-H607.	1.5	54
352	Nrf2 is essential for the expression of lipocalin–prostaglandin D synthase induced by prostaglandin D2. Free Radical Biology and Medicine, 2013, 65, 1134-1142.	1.3	17
354	A purified Feverfew extract protects from oxidative damage by inducing DNA repair in skin cells via a PI3-kinase-dependent Nrf2/ARE pathway. Journal of Dermatological Science, 2013, 72, 304-310.	1.0	27
355	Experimental nonalcoholic fatty liver disease in mice leads to cytochrome p450 2a5 upregulation through nuclear factor erythroid 2-like 2 translocation. Redox Biology, 2013, 1, 433-440.	3.9	23
356	Role of Nrf2 antioxidant defense in mitigating cadmium-induced oxidative stress in the olfactory system of zebrafish. Toxicology and Applied Pharmacology, 2013, 266, 177-186.	1.3	108
357	Molecular mechanism of titanium dioxide nanoparticles-induced oxidative injury in the brain of mice. Chemosphere, 2013, 92, 1183-1189.	4.2	89
358	Redox-regulating sirtuins in aging, caloric restriction, and exercise. Free Radical Biology and Medicine, 2013, 58, 87-97.	1.3	90
359	Oxidative status interactome map: towards novel approaches in experiment planning, data analysis, diagnostics and therapy. Molecular BioSystems, 2013, 9, 2085.	2.9	13
360	Traumatic Brain Injury: Oxidative Stress and Neuroprotection. Antioxidants and Redox Signaling, 2013, 19, 836-853.	2.5	261
361	Regulation of endoplasmic reticulum stress in rat cortex by p62/ZIP through the Keap1-Nrf2-ARE signalling pathway after transient focal cerebral ischaemia. Brain Injury, 2013, 27, 924-933.	0.6	31
362	Acceleration of the Development of Alzheimer's Disease in Amyloid Beta-Infused Peroxiredoxin 6 Overexpression Transgenic Mice. Molecular Neurobiology, 2013, 48, 941-951.	1.9	41
363	Expression profiling of selected genes of toxication and detoxication pathways in peripheral blood lymphocytes as a biomarker for predicting toxicity of environmental chemicals. International Journal of Hygiene and Environmental Health, 2013, 216, 645-651.	2.1	13
364	Synergistic enhancement of antitumor effect of $\hat{l}^2$ -Lapachone by photodynamic induction of quinone oxidoreductase (NQO1). Phytomedicine, 2013, 20, 1007-1012.	2.3	42
365	Carbonyl reductase 1 is an essential regulator of skeletal muscle differentiation and regeneration. International Journal of Biochemistry and Cell Biology, 2013, 45, 1784-1793.	1.2	13
366	Polymeric procyanidin fraction from defatted grape seeds protects HepG2 cells against oxidative stress by inducing phase II enzymes via Nrf2 activation. Food Science and Biotechnology, 2013, 22, 485-491.	1.2	5
367	Induced Expression of Cytochrome P450 1A and NAD(P)H:Quinone Oxidoreductase Determined at mRNA, Protein, and Enzyme Activity Levels in Rats Exposed to the Carcinogenic Azo Dye 1-Phenylazo-2-naphthol (Sudan I). Chemical Research in Toxicology, 2013, 26, 290-299.	1.7	23

#	Article	IF	CITATIONS
368	Impaired Transcription in Alzheimer's Disease: Key Role in Mitochondrial Dysfunction and Oxidative Stress. Journal of Alzheimer's Disease, 2013, 34, 115-131.	1.2	61
369	Cyanidin-3-O -glucoside counters the response to TNF-alpha of endothelial cells by activating Nrf2 pathway. Molecular Nutrition and Food Research, 2013, 57, 1979-1987.	1.5	82
370	Reductive Stress Linked to Small HSPs, G6PD, and Nrf2 Pathways in Heart Disease. Antioxidants and Redox Signaling, 2013, 18, 1114-1127.	2.5	97
371	Nrf2 Activates Augmenter of Liver Regeneration (ALR) via Antioxidant Response Element and Links Oxidative Stress to Liver Regeneration. Molecular Medicine, 2013, 19, 237-244.	1.9	78
372	Prolonged fasting activates Nrf2 in postweaned elephant seals. Journal of Experimental Biology, 2013, 216, 2870-8.	0.8	20
373	Mycoplasma fermentans MALP-2 Induces Heme Oxygenase-1 Expression via Mitogen-Activated Protein Kinases and Nrf2 Pathways To Modulate Cyclooxygenase 2 Expression in Human Monocytes. Vaccine Journal, 2013, 20, 827-834.	3.2	12
374	Respiratory Syncytial Virus Infection: Mechanisms of Redox Control and Novel Therapeutic Opportunities. Antioxidants and Redox Signaling, 2013, 18, 186-217.	2.5	79
375	Pharmacologic Suppression of Inflammation by a Diphenyldifluoroketone, EF24, in a Rat Model of Fixed-Volume Hemorrhage Improves Survival. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 346-356.	1.3	20
376	Regulation of cytochrome P450 2e1 expression by ethanol: role of oxidative stress-mediated pkc/jnk/sp1 pathway. Cell Death and Disease, 2013, 4, e554-e554.	2.7	136
378	Cytoprotective effect of bioactive sea buckthorn extract on paraquat-exposed A549 cells via induction of Nrf2 and its downstream genes. Molecular Medicine Reports, 2013, 8, 1852-1860.	1.1	16
379	Sulforaphane Restores Cellular Glutathione Levels and Reduces Chronic Periodontitis Neutrophil Hyperactivity In Vitro. PLoS ONE, 2013, 8, e66407.	1.1	70
380	Mitochondrial Function in Human Neuroblastoma Cells Is Up-Regulated and Protected by NQO1, a Plasma Membrane Redox Enzyme. PLoS ONE, 2013, 8, e69030.	1.1	29
381	Nuclear Factor Erythroid 2 - Related Factor 2 Signaling in Parkinson Disease: A Promising Multi Therapeutic Target Against Oxidative Stress, Neuroinflammation and Cell Death. CNS and Neurological Disorders - Drug Targets, 2013, 11, 1015-1029.	0.8	65
382	NRF2-ome: An Integrated Web Resource to Discover Protein Interaction and Regulatory Networks of NRF2. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-9.	1.9	38
383	The Involvement of NRF2 in Lung Cancer. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	41
384	Immunology and Oxidative Stress in Multiple Sclerosis: Clinical and Basic Approach. Clinical and Developmental Immunology, 2013, 2013, 1-14.	3.3	144
385	Adenovirus-Mediated Prothymosin α Gene Transfer Inhibits the Development of Atherosclerosis in Apoe-Deficient Mice. International Journal of Biological Sciences, 2014, 10, 358-366.	2.6	9
386	Nrf2 Negatively Regulates Melanogenesis by Modulating PI3K/Akt Signaling. PLoS ONE, 2014, 9, e96035.	1.1	47

#	Article	IF	CITATIONS
387	Dietary <i>Lycium barbarum</i> Polysaccharide Induces Nrf2/ARE Pathway and Ameliorates Insulin Resistance Induced by High-Fat via Activation of PI3K/AKT Signaling. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	78
388	Fumigant Activity of the <i>Psidium guajava</i> Var. Pomifera (Myrtaceae) Essential Oil in <i>Drosophila melanogaster</i> by Means of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	1.9	26
389	Protein Redox Modification as a Cellular Defense Mechanism against Tissue Ischemic Injury. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-12.	1.9	38
390	Fucoxanthin Enhances the Level of Reduced Glutathione via the Nrf2-Mediated Pathway in Human Keratinocytes. Marine Drugs, 2014, 12, 4214-4230.	2.2	44
392	Role of Nrf2 in chronic liver disease. World Journal of Gastroenterology, 2014, 20, 13079.	1.4	179
393	2,4,6-Trichlorophenol Cytotoxicity Involves Oxidative Stress, Endoplasmic Reticulum Stress, and Apoptosis. International Journal of Toxicology, 2014, 33, 532-541.	0.6	15
394	A novel Nrf2-miR-29-desmocollin-2 axis regulates desmosome function in keratinocytes. Nature Communications, 2014, 5, 5099.	5.8	58
395	Role of AhR/ARNT system in skin homeostasis. Archives of Dermatological Research, 2014, 306, 769-779.	1.1	135
396	Interplay between Nuclear Factor Erythroid 2–Related Factor 2 and Amphiregulin during Mechanical Ventilation. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 668-677.	1.4	14
397	Diphenyl Diselenide Modulates Gene Expression of Antioxidant Enzymes in the Cerebral Cortex, Hippocampus and Striatum of Female Hypothyroid Rats. Neuroendocrinology, 2014, 100, 45-59.	1.2	16
398	Protective effect of porphyra-334 on UVA-induced photoaging in human skin fibroblasts. International Journal of Molecular Medicine, 2014, 34, 796-803.	1.8	124
399	Widespread micro <scp>RNA</scp> dysregulation in multiple system atrophy – diseaseâ€related alteration in miRâ€96. European Journal of Neuroscience, 2014, 39, 1026-1041.	1.2	68
400	Melatonin modulates microsomal <scp>PGE</scp> synthase 1 and <scp>NF</scp> â€ <scp>E2</scp> â€related factorâ€2â€regulated antioxidant enzyme expression in <scp>LPS</scp> â€induced murine peritoneal macrophages. British Journal of Pharmacology, 2014, 171, 134-144.	2.7	40
401	The histone acetylranseferase h <scp>MOF</scp> acetylates <scp>Nrf</scp> 2 and regulates antiâ€drug responses in human nonâ€small cell lung cancer. British Journal of Pharmacology, 2014, 171, 3196-3211.	2.7	87
402	Inhibitory effects of hydrogen sulphide on pulmonary fibrosis in smoking rats <i>via</i> attenuation of oxidative stress and inflammation. Journal of Cellular and Molecular Medicine, 2014, 18, 1098-1103.	1.6	35
403	SIRT5 facilitates cancer cell growth and drug resistance in non-small cell lung cancer. Tumor Biology, 2014, 35, 10699-10705.	0.8	145
405	Mitohormesis: Promoting Health and Lifespan by Increased Levels of Reactive Oxygen Species (ROS). Dose-Response, 2014, 12, dose-response.1.	0.7	376
406	Oxymatrine prevents hypoxia- and monocrotaline-induced pulmonary hypertension in rats. Free Radical Biology and Medicine, 2014, 69, 198-207.	1.3	37

#	Article	IF	CITATIONS
407	Identification of the Nrf2–Keap1 pathway in the European eel Anguilla anguilla: Role for a transcriptional regulation of antioxidant genes in aquatic organisms. Aquatic Toxicology, 2014, 150, 117-123.	1.9	135
408	Marburgvirus Hijacks Nrf2-Dependent Pathway by Targeting Nrf2-Negative Regulator Keap1. Cell Reports, 2014, 6, 1026-1036.	2.9	77
409	Canine mesenchymal stem cells show antioxidant properties against thioacetamideâ€induced liver injury <i>in vitro</i> and <i>in vivo</i> . Hepatology Research, 2014, 44, E206-17.	1.8	46
410	Nrf2-dependent upregulation of antioxidative enzymes: a novel pathway for hypoxic preconditioning-mediated delayed cardioprotection. Molecular and Cellular Biochemistry, 2014, 385, 33-41.	1.4	57
411	(S)-ZJM-289 Preconditioning Induces a Late Phase Protection Against Nervous Injury Induced by Transient Cerebral Ischemia and Oxygen-Glucose Deprivation. Neurotoxicity Research, 2014, 26, 16-31.	1.3	16
412	Modulatory effects of curcumin, silybin-phytosome and alpha-R-lipoic acid against thioacetamide-induced liver cirrhosis in rats. Chemico-Biological Interactions, 2014, 216, 26-33.	1.7	40
413	Upregulation of capacity for glutathione synthesis in response to amino acid deprivation: regulation of glutamate–cysteine ligase subunits. Amino Acids, 2014, 46, 1285-1296.	1.2	32
415	The effects of an antioxidative pentapeptide derived from chickpea protein hydrolysates on oxidative stress in Caco-2 and HT-29 cell lines. Journal of Functional Foods, 2014, 7, 719-726.	1.6	42
416	The role of Nrf1 and Nrf2 in the regulation of copper-responsive transcription. Experimental Cell Research, 2014, 322, 39-50.	1.2	37
417	NRBF2 regulates autophagy and prevents liver injury by modulating Atg14L-linked phosphatidylinositol-3 kinase III activity. Nature Communications, 2014, 5, 3920.	5.8	117
418	Acute Liver Injury Induces Nucleocytoplasmic Redistribution of Hepatic Methionine Metabolism Enzymes. Antioxidants and Redox Signaling, 2014, 20, 2541-2554.	2.5	15
419	Postprandial oxidative stress is modulated by dietary fat in adipose tissue from elderly people. Age, 2014, 36, 507-517.	3.0	10
420	Natural product-derived pharmacological modulators of Nrf2/ARE pathway for chronic diseases. Natural Product Reports, 2014, 31, 109-139.	5.2	281
421	Molecular mechanisms of lipopolysaccharide-mediated inhibition of glutathione synthesis in mice. Free Radical Biology and Medicine, 2014, 68, 148-158.	1.3	26
422	You're Only as Old as Your Arteries: Translational Strategies for Preserving Vascular Endothelial Function with Aging. Physiology, 2014, 29, 250-264.	1.6	113
423	Wogonin reverses multi-drug resistance of human myelogenous leukemia K562/A02 cells via downregulation of MRP1 expression by inhibiting Nrf2/ARE signaling pathway. Biochemical Pharmacology, 2014, 92, 220-234.	2.0	76
424	Estrogen increases Nrf2 activity through activation of the PI3K pathway in MCF-7 breast cancer cells. Experimental Cell Research, 2014, 328, 351-360.	1.2	59
425	Dynamic and Coordinated Regulation of KEAP1-NRF2-ARE and p53/p21 Signaling Pathways Is Associated with Acetaminophen Injury Responsive Liver Regeneration. Drug Metabolism and Disposition, 2014, 42, 1532-1539.	1.7	27

#	Article	IF	CITATIONS
426	Nrf2-regulated antioxidant response is activated by protein kinase C in postconditioned rat hearts. Free Radical Biology and Medicine, 2014, 74, 145-156.	1.3	34
427	Growth, oxidative stress responses, and gene transcription of juvenile bighead carp ( <i>Hypophthalmichthys nobilis</i> ) under chronicâ€term exposure of ammonia. Environmental Toxicology and Chemistry, 2014, 33, 1726-1731.	2.2	45
428	In vivo characterisation of the inflammatory reaction following mesh implantation in transgenic mice models. Langenbeck's Archives of Surgery, 2014, 399, 579-588.	0.8	9
429	Non-esterified fatty acids activate the ROS–p38–p53/Nrf2 signaling pathway to induce bovine hepatocyte apoptosis in vitro. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 984-997.	2.2	75
430	Oscillating high glucose enhances oxidative stress and apoptosis in human coronary artery endothelial cells. Journal of Endocrinological Investigation, 2014, 37, 645-651.	1.8	48
431	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
432	Drug-Induced Endoplasmic Reticulum and Oxidative Stress Responses Independently Sensitize Toward TNFI±-Mediated Hepatotoxicity. Toxicological Sciences, 2014, 140, 144-159.	1.4	74
433	Oxidative status shifts in uterine cervical incompetence patients. Systems Biology in Reproductive Medicine, 2014, 60, 98-104.	1.0	4
434	Regulation of hemeoxygenase-1 gene expression by Nrf2 and c-Jun in tertiary butylhydroquinone-stimulated rat primary astrocytes. Biochemical and Biophysical Research Communications, 2014, 447, 672-677.	1.0	21
435	Clutathione in Mammalian Biology. , 2014, , 617-644.		3
436	Carnosic acid promotes myocardial antioxidant response and prevents isoproterenol-induced myocardial oxidative stress and apoptosis in mice. Molecular and Cellular Biochemistry, 2014, 394, 163-176.	1.4	45
437	Taurine ameliorates neuropathy via regulating NF-κB and Nrf2/HO-1 signaling cascades in diabetic rats. Food and Chemical Toxicology, 2014, 71, 116-121.	1.8	90
438	The polycomb group protein EZH2 inhibits lung cancer cell growth by repressing the transcription factor Nrf2. FEBS Letters, 2014, 588, 3000-3007.	1.3	47
439	Antioxidative effects of Panax notoginseng saponins in brain cells. Phytomedicine, 2014, 21, 1189-1195.	2.3	76
440	How do nutritional antioxidants really work: Nucleophilic tone and para-hormesis versus free radical scavenging in vivo. Free Radical Biology and Medicine, 2014, 66, 24-35.	1.3	548
441	Regulation of Nrf2—an update. Free Radical Biology and Medicine, 2014, 66, 36-44.	1.3	735
442	Tryptanthrin Protects Hepatocytes against Oxidative Stress <i>via</i> Activation of the Extracellular Signal-Regulated Kinase/NF-E2-Related Factor 2 Pathway. Biological and Pharmaceutical Bulletin, 2014, 37, 1633-1640.	0.6	37
443	A metabolomic perspective of griseofulvin-induced liver injury in mice. Biochemical Pharmacology, 2015, 98, 493-501.	2.0	29

#	Article	IF	CITATIONS
444	Antioxidant soybean tar <scp>G</scp> lyteer rescues <scp>T</scp> â€helperâ€mediated downregulation of filaggrin expression via aryl hydrocarbon receptor. Journal of Dermatology, 2015, 42, 171-180.	0.6	63
445	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. Scientific Reports, 2015, 5, 16889.	1.6	39
446	Protective effect of Porphyra yezoensis glycoprotein on D-galactosamine-induced cytotoxicity in Hepa 1c1c7 cells. Molecular Medicine Reports, 2015, 11, 3914-3919.	1.1	9
447	Mutations in the Corneal Endothelial Dystrophy–Associated Gene SLC4A11 Render the Cells More Vulnerable to Oxidative Insults. Cornea, 2015, 34, 668-674.	0.9	31
448	Reactive Oxygen Species and Nuclear Factor Erythroid 2-Related Factor 2 Activation in Diabetic Nephropathy: A Hidden Target. Journal of Diabetes & Metabolism, 2015, 06, .	0.2	21
449	NQO1 Stabilizes p53 in Response to Oncogene-Induced Senescence. International Journal of Biological Sciences, 2015, 11, 762-771.	2.6	18
450	Alteration of Nrf2 and p-Nrf2 Protein Expression in Hypokalemic Rat Kidney. Korean Journal of Physical Anthropology, 2015, 28, 55.	0.2	2
451	Oxymatrine ameliorates renal ischemia-reperfusion injury from oxidative stress through Nrf2/HO-1 pathway. Acta Cirurgica Brasileira, 2015, 30, 422-429.	0.3	48
452	Gold nanoparticles induce heme oxygenase-1 expression through Nrf2 activation and Bach1 export in human vascular endothelial cells. International Journal of Nanomedicine, 2015, 10, 5925.	3.3	32
453	Overview of Nrf2 as Therapeutic Target in Epilepsy. International Journal of Molecular Sciences, 2015, 16, 18348-18367.	1.8	47
454	Molecular Signatures in the Prevention of Radiation Damage by the Synergistic Effect of N-Acetyl Cysteine and Qingre Liyan Decoction, a Traditional Chinese Medicine, Using a 3-Dimensional Cell Culture Model of Oral Mucositis. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	12
455	Angiogenesis in the Placenta: The Role of Reactive Oxygen Species Signaling. BioMed Research International, 2015, 2015, 1-12.	0.9	165
456	Oxidative Stress Responses and NRF2 in Human Leukaemia. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-7.	1.9	48
457	The Oxidant Role of 4-Hydroxynonenal in Corneal Epithelium. Scientific Reports, 2015, 5, 10630.	1.6	12
458	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
459	3′,4′,5′,5,7-Pentamethoxyflavone Sensitizes Cisplatin-Resistant A549 Cells to Cisplatin by Inhibition of Nrf2 Pathway. Molecules and Cells, 2015, 38, 396-401.	1.0	29
461	Oxidative Mechanisms in Liver Senescence and Regeneration. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 65-95.	0.4	0
462	The Effect of Particle Deposition on Immunological Response as Measured byÂCytokine Production. , 2015, , 601-627.		0

#	Article	IF	CITATIONS
463	Redox-regulated fate of neural stem progenitor cells. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1543-1554.	1.1	37
464	Disruption of polyubiquitin gene Ubc leads to attenuated resistance against arsenite-induced toxicity in mouse embryonic fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 996-1009.	1.9	33
465	Yusho and its latest findings—A review in studies conducted by the Yusho Group. Environment International, 2015, 82, 41-48.	4.8	42
466	Influence of SkQ1 on expression of Nrf2 transcription factor gene, ARE-controlled genes of antioxidant enzymes and their activity in rat blood leukocytes. Biochemistry (Moscow), 2015, 80, 586-591.	0.7	6
467	Oxidative stress response and Nrf2 signaling in aging. Free Radical Biology and Medicine, 2015, 88, 314-336.	1.3	644
468	Stringent Control of NFE2L3 (Nuclear Factor, Erythroid 2-Like 3; NRF3) Protein Degradation by FBW7 (F-box/WD Repeat-containing Protein 7) and Glycogen Synthase Kinase 3 (GSK3). Journal of Biological Chemistry, 2015, 290, 26292-26302.	1.6	23
469	Analysis of ToxCast Data—In Vitroand Physiochemical Properties—In the Accurate Classification of Chemicals That Induce HepatocarcinogenesisIn Vivo. Applied in Vitro Toxicology, 2015, 1, 262-275.	0.6	0
470	The cytoprotective effects of 7,8-dihydroxyflavone against oxidative stress are mediated by the upregulation of Nrf2-dependent HO-1 expression through the activation of the PI3K/Akt and ERK pathways in C2C12 myoblasts. International Journal of Molecular Medicine, 2015, 36, 501-510.	1.8	42
471	Activation of a Novel c-Myc-miR27-Prohibitin 1 Circuitry in Cholestatic Liver Injury Inhibits Glutathione Synthesis in Mice. Antioxidants and Redox Signaling, 2015, 22, 259-274.	2.5	55
472	Nicotinamide Adenine Dinucleotide Phosphate Oxidase-4–Dependent Upregulation of Nuclear Factor Erythroid–Derived 2-Like 2 Protects the Heart During Chronic Pressure Overload. Hypertension, 2015, 65, 547-553.	1.3	64
473	Targeted mass spectrometry for the analysis of nutritive modulation of catalase and heme oxygenase-1 expression. Journal of Proteomics, 2015, 117, 58-69.	1.2	6
474	Role of dietary antioxidants in human metapneumovirus infection. Virus Research, 2015, 200, 19-23.	1.1	17
475	Biochemical biomarkers of sublethal effects in Rhinella arenarum late gastrula exposed to the organophosphate chlorpyrifos. Pesticide Biochemistry and Physiology, 2015, 119, 48-53.	1.6	24
476	Eugenia uniflora leaves essential oil induces toxicity in Drosophila melanogaster: involvement of oxidative stress mechanisms. Toxicology Research, 2015, 4, 634-644.	0.9	47
477	Standardized rosemary (Rosmarinus officinalis) extract induces Nrf2/sestrin-2 pathway in colon cancer cells. Journal of Functional Foods, 2015, 13, 137-147.	1.6	33
478	Non-thermal Plasma Activates Human Keratinocytes by Stimulation of Antioxidant and Phase II Pathways. Journal of Biological Chemistry, 2015, 290, 6731-6750.	1.6	116
479	Cynaropicrin attenuates UVB-induced oxidative stress via the AhR–Nrf2–Nqo1 pathway. Toxicology Letters, 2015, 234, 74-80.	0.4	72
480	Metformin inhibits 7,12-dimethylbenz[a]anthracene-induced breast carcinogenesis and adduct formation in human breast cells by inhibiting the cytochrome P4501A1/aryl hydrocarbon receptor signaling pathway. Toxicology and Applied Pharmacology, 2015, 284, 217-226.	1.3	29

#	Article	IF	CITATIONS
481	A rapid in vivo zebrafish model to elucidate oxidative stress-mediated PCB126-induced apoptosis and developmental toxicity. Free Radical Biology and Medicine, 2015, 84, 91-102.	1.3	29
482	Inflammation and Lung Cancer: Prevention. , 2015, , 95-136.		0
483	The variable chemotherapeutic response of Malabaricone-A in leukemic and solid tumor cell lines depends on the degree of redox imbalance. Phytomedicine, 2015, 22, 713-723.	2.3	21
484	Involvement of Cytochrome P450 in Reactive Oxygen Species Formation and Cancer. Advances in Pharmacology, 2015, 74, 35-84.	1.2	141
485	Inflammation and Lung Cancer. , 2015, , .		2
486	Squalene targets pro- and anti-inflammatory mediators and pathways to modulate over-activation of neutrophils, monocytes and macrophages. Journal of Functional Foods, 2015, 14, 779-790.	1.6	73
487	Effect of maternal exercise on biochemical parameters in rats submitted to neonatal hypoxia-ischemia. Brain Research, 2015, 1622, 91-101.	1.1	17
488	The role of Nrf2 in oxidative stress-induced endothelial injuries. Journal of Endocrinology, 2015, 225, R83-R99.	1.2	299
489	Rapid screening for novel antioxidants in Glycyrrhiza inflata using high-resolution peak fractionation. Journal of Functional Foods, 2015, 16, 40-49.	1.6	14
490	Sodium fluoride generates ROS and alters transcription of genes for xenobiotic metabolizing enzymes in adult zebrafish ( <i>Danio rerio</i> ) liver: expression pattern of Nrf2/Keap1 (INrf2). Toxicology Mechanisms and Methods, 2015, 25, 364-373.	1.3	37
491	How Exercise May Amend Metabolic Disturbances in Diabetic Cardiomyopathy. Antioxidants and Redox Signaling, 2015, 22, 1587-1605.	2.5	57
492	Molecular mechanism of oxidative damage of lung in mice following exposure to lanthanum chloride. Environmental Toxicology, 2015, 30, 357-365.	2.1	17
493	The activation of the Nrf2/ARE pathway in HepG2 hepatoma cells by phytochemicals and subsequent modulation of phase II and antioxidant enzyme expression. Journal of Physiology and Biochemistry, 2015, 71, 227-238.	1.3	61
494	Palmitate-induced endothelial dysfunction is attenuated by cyanidin-3-O-glucoside through modulation of Nrf2/Bach1 and NF-1ºB pathways. Toxicology Letters, 2015, 239, 152-160.	0.4	78
495	The edaravone and 3-n-butylphthalide ring-opening derivative 10b effectively attenuates cerebral ischemia injury in rats. Acta Pharmacologica Sinica, 2015, 36, 917-927.	2.8	47
496	MicroRNA-7 activates Nrf2 pathway by targeting Keap1 expression. Free Radical Biology and Medicine, 2015, 89, 548-556.	1.3	116
497	lcaritin protects against oxidative stress-induced injury in cardiac H9c2 cells via Akt/Nrf2/HO-1 and calcium signalling pathways. Journal of Functional Foods, 2015, 18, 213-223.	1.6	11
498	Sequential Upregulation of Superoxide Dismutase 2 and Heme Oxygenase 1 by <i>tert</i> Butylhydroquinone Protects Mitochondria during Oxidative Stress. Molecular Pharmacology, 2015, 88, 437-449.	1.0	53

# 499	ARTICLE Antioxidant <i>Opuntia ficus-indica</i> Extract Activates AHR-NRF2 Signaling and Upregulates Filaggrin and Loricrin Expression in Human Keratinocytes. Journal of Medicinal Food, 2015, 18, 1143-1149.	IF 0.8	Citations 45
500	Changing gears in Nrf1 research, from mechanisms of regulation to its role in disease and prevention. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 1260-1276.	0.9	61
501	Alpinetin inhibits lipopolysaccharide-induced acute kidney injury in mice. International Immunopharmacology, 2015, 28, 1003-1008.	1.7	31
502	Respiratory syncytial virus infection down-regulates antioxidant enzyme expression by triggering deacetylation-proteasomal degradation of Nrf2. Free Radical Biology and Medicine, 2015, 88, 391-403.	1.3	69
503	Downregulation of Nuclear Factor Erythroid 2–Related Factor and Associated Antioxidant Genes Contributes to Redox-Sensitive Vascular Dysfunction in Hypertension. Hypertension, 2015, 66, 1240-1250.	1.3	109
504	Omeprazole induces NAD(P)H quinone oxidoreductase 1 via aryl hydrocarbon receptor-independent mechanisms: Role of the transcription factor nuclear factor erythroid 2–related factor 2. Biochemical and Biophysical Research Communications, 2015, 467, 282-287.	1.0	6
506	Posttreatment with 11-Keto-β-Boswellic Acid Ameliorates Cerebral Ischemia–Reperfusion Injury: Nrf2/HO-1 Pathway as a Potential Mechanism. Molecular Neurobiology, 2015, 52, 1430-1439.	1.9	111
507	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
508	Agmatine Induces Nrf2 and Protects Against Corticosterone Effects in Hippocampal Neuronal Cell Line. Molecular Neurobiology, 2015, 51, 1504-1519.	1.9	52
509	Identification of a Functional Antioxidant Response Element within the Eighth Intron of the Human <i>ABCC3</i> Gene. Drug Metabolism and Disposition, 2015, 43, 93-99.	1.7	19
510	Therapeutic targeting of GSK31 <sup>2</sup> enhances the Nrf2 antioxidant response and confers hepatic cytoprotection in hepatitis C. Gut, 2015, 64, 168-179.	6.1	73
511	Quantitative analysis of NRF2 pathway reveals key elements of the regulatory circuits underlying antioxidant response and proliferation of ovarian cancer cells. Journal of Biotechnology, 2015, 202, 12-30.	1.9	34
512	CO Induces Nrf2-Dependent Heme Oxygenase-1 Transcription by Cooperating with Sp1 and c-Jun in Rat Brain Astrocytes. Molecular Neurobiology, 2015, 52, 277-292.	1.9	56
513	Protective effects of diallyl disulfide on carbon tetrachloride-induced hepatotoxicity through activation of Nrf2. Environmental Toxicology, 2015, 30, 538-548.	2.1	34
514	Melatonin protects against burn-induced hepatic oxidative injury by inducing HO-1 via the Nrf2 pathway. Veterinarni Medicina, 2015, 60, 621-628.	0.2	10
515	Guangdong Herbal Tea Attenuates Restraint Stress-provoked Liver and Kidney Damage in Mice via Activation of the Nrf2/ARE Signaling Pathway. Journal of Nutrition & Food Sciences, 2016, 06, .	1.0	0
516	Protective Effect of S-Adenosyl-L-Methionine on Oxidative Stress-Induced Apoptosis Regulates Nrf-2 via IGF-I in Rat Bone Marrow Mesenchymal Stem Cells. Journal of Stem Cell Research & Therapy, 2016, 06, .	0.3	4
517	Unraveling the neurotoxicity of titanium dioxide nanoparticles: focusing on molecular mechanisms. Beilstein Journal of Nanotechnology, 2016, 7, 645-654.	1.5	40

#	Article	IF	CITATIONS
518	NADPH: Quinone oxidoreductase 1 (NQO1609C>T) Polymorphism and Gastric Cancer Risk: A Meta-Analysis. Journal of Carcinogenesis & Mutagenesis, 2016, 07, .	0.3	0
519	Nrf2 plays a pivotal role in protection against burn trauma-induced intestinal injury and death. Oncotarget, 2016, 7, 19272-19283.	0.8	20
520	Dietary Phytochemicals: Natural Swords Combating Inflammation and Oxidation-Mediated Degenerative Diseases. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-25.	1.9	88
521	Gamma-Glutamylcysteine Ethyl Ester Protects against Cyclophosphamide-Induced Liver Injury and Hematologic Alterations via Upregulation of PPAR <i>γ</i> and Attenuation of Oxidative Stress, Inflammation, and Apoptosis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	47
522	Sulforaphane and Other Nutrigenomic Nrf2 Activators: Can the Clinician's Expectation Be Matched by the Reality?. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	180
523	Redox Control of Multidrug Resistance and Its Possible Modulation by Antioxidants. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	53
524	The Role of Glucosinolate Hydrolysis Products from Brassica Vegetable Consumption in Inducing Antioxidant Activity and Reducing Cancer Incidence. Diseases (Basel, Switzerland), 2016, 4, 22.	1.0	37
525	Brusatol Enhances the Radiosensitivity of A549 Cells by Promoting ROS Production and Enhancing DNA Damage. International Journal of Molecular Sciences, 2016, 17, 997.	1.8	74
526	Anti-Inflammatory Effects and Mechanisms of Action of Coussaric and Betulinic Acids Isolated from Diospyros kaki in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages. Molecules, 2016, 21, 1206.	1.7	48
527	Molecular Evolution of the Nuclear Factor (Erythroid-Derived 2)-Like 2 Gene Nrf2 in Old World Fruit Bats (Chiroptera: Pteropodidae). PLoS ONE, 2016, 11, e0146274.	1.1	10
528	Phase 1 Study of a Sulforaphane-Containing Broccoli Sprout Homogenate for Sickle Cell Disease. PLoS ONE, 2016, 11, e0152895.	1.1	51
529	Animal Models of Chronic Obstructive Pulmonary Disease Exacerbations: A Review of the Current Status. Journal of Biomedical Sciencies, 2016, 05, .	0.3	11
530	Glycogen Synthase Kinase 3β Influences Injury Following Cerebral Ischemia/Reperfusion in Rats. International Journal of Biological Sciences, 2016, 12, 518-531.	2.6	25
531	Antiâ€leukaemic effects induced by APRâ€246 are dependent on induction of oxidative stress and the NFE2L2/HMOX1 axis that can be targeted by PI3K and mTOR inhibitors in acute myeloid leukaemia cells. British Journal of Haematology, 2016, 174, 117-126.	1.2	38
532	<scp>SIRT</scp> 2 mediates <scp>NADH</scp> â€induced increases in Nrf2, <scp>GCL</scp> , and glutathione by modulating Akt phosphorylation in <scp>PC</scp> 12 cells. FEBS Letters, 2016, 590, 2241-2255.	1.3	33
533	Near-infrared laser increases MDPC-23 odontoblast-like cells proliferation by activating redox sensitive pathways. Journal of Photochemistry and Photobiology B: Biology, 2016, 164, 283-288.	1.7	9
534	cGMP and epigenetic factor in the suppression of apoptosis in ovarian follicles. Russian Journal of Developmental Biology, 2016, 47, 303-312.	0.1	0
535	Bio-assay guided identification of hepatoprotective polyphenols from Penthorum chinense Pursh on t-BHP induced oxidative stress injured L02 cells. Food and Function, 2016, 7, 2074-2083.	2.1	30

#	Article	IF	CITATIONS
536	MicroRNA-mediated regulation of glutathione and methionine metabolism and its relevance for liver disease. Free Radical Biology and Medicine, 2016, 100, 66-72.	1.3	40
537	Food restriction during pregnancy alters brain's antioxidant network in dams and their offspring. Free Radical Research, 2016, 50, 530-541.	1.5	9
538	Effects of multi-component mixtures of polyaromatic hydrocarbons and heavy metal/loid(s) on Nrf2-antioxidant response element (ARE) pathway in ARE reporter-HepG2 cells. Toxicology Research, 2016, 5, 1160-1171.	0.9	11
539	Geraniin ameliorates cisplatin-induced nephrotoxicity in mice. Free Radical Research, 2016, 50, 813-819.	1.5	14
540	lsoliquiritigenin in licorice functions as a hepatic protectant by induction of antioxidant genes through extracellular signal-regulated kinase-mediated NF-E2-related factor-2 signaling pathway. European Journal of Nutrition, 2016, 55, 2431-2444.	4.6	29
541	Punicalagin induces Nrf2 translocation and HO-1 expression via PI3K/Akt, protecting rat intestinal epithelial cells from oxidative stress. International Journal of Hyperthermia, 2016, 32, 465-473.	1.1	40
542	Transcriptional regulation of human and murine short-chain dehydrogenase/reductases (SDRs) – an in silico approach. Drug Metabolism Reviews, 2016, 48, 183-217.	1.5	8
543	The protection conferred against ischemia-reperfusion injury in the diabetic brain by N-acetylcysteine is associated with decreased dicarbonyl stress. Free Radical Biology and Medicine, 2016, 96, 89-98.	1.3	29
544	Hepatitis B virus inhibits insulin receptor signaling and impairs liver regeneration via intracellular retention of the insulin receptor. Cellular and Molecular Life Sciences, 2016, 73, 4121-4140.	2.4	15
545	Modulation of the Nrf2 signalling pathway in Hct116 colon carcinoma cells by baicalein and its methylated derivative negletein. Pharmaceutical Biology, 2016, 54, 1491-1502.	1.3	23
546	Cytotoxicity of lipid-soluble ginseng extracts is attenuated by plasma membrane redox enzyme NQO1 through maintaining redox homeostasis and delaying apoptosis in human neuroblastoma cells. Archives of Pharmacal Research, 2016, 39, 1339-1348.	2.7	9
547	Effects of oxidative stress on hyperglycaemia-induced brain malformations in a diabetes mouse model. Experimental Cell Research, 2016, 347, 201-211.	1.2	14
548	Tert-butylhydroquinone attenuates the ethanol-induced apoptosis of and activates the Nrf2 antioxidant defense pathway in H9c2 cardiomyocytes. International Journal of Molecular Medicine, 2016, 38, 123-130.	1.8	23
549	Effects of the Nrf2 Protein Modulator Salvianolic Acid A Alone or Combined with Metformin on Diabetes-associated Macrovascular and Renal Injury. Journal of Biological Chemistry, 2016, 291, 22288-22301.	1.6	47
550	Mechanisms of transcription factor acetylation and consequences in hearts. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2221-2231.	1.8	28
551	Colossolactone H, a new Ganoderma triterpenoid exhibits cytotoxicity and potentiates drug efficacy of gefitinib in lung cancer. Fìtoterapìâ, 2016, 114, 81-91.	1.1	14
552	The cytoprotective effect of Rumex Aquaticus Herba extract against hydrogen peroxide-induced oxidative stress in AGS cells. Archives of Pharmacal Research, 2016, 39, 1739-1747.	2.7	7
553	Protective Effects of Maillard Reaction Products of Whey Protein Concentrate against Oxidative Stress through an Nrf2-Dependent Pathway in HepG2 Cells. Biological and Pharmaceutical Bulletin, 2016, 39, 1437-1447.	0.6	32

#	Article	IF	CITATIONS
554	Andrographolide protects liver cells from H2O2 induced cell death by upregulation of Nrf-2/HO-1 mediated via adenosine A2a receptor signalling. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2377-2390.	1.1	50
555	Association of polymorphism in glutamate-cysteine ligase catalytic subunit gene with schizophrenia: A case-control study in a Tunisian population. Gene Reports, 2016, 4, 249-252.	0.4	3
556	Omeprazole induces heme oxygenase-1 in fetal human pulmonary microvascular endothelial cells via hydrogen peroxide-independent Nrf2 signaling pathway. Toxicology and Applied Pharmacology, 2016, 311, 26-33.	1.3	16
557	Oroxylin A attenuates cigarette smoke-induced lung inflammation by activating Nrf2. International Immunopharmacology, 2016, 40, 524-529.	1.7	47
558	An inhibitor of the Keap1-Nrf2 protein-protein interaction protects NCM460 colonic cells and alleviates experimental colitis. Scientific Reports, 2016, 6, 26585.	1.6	82
559	CSK-3Î <sup>2</sup> downregulates Nrf2 in cultured cortical neurons and in a rat model of cerebral ischemia-reperfusion. Scientific Reports, 2016, 6, 20196.	1.6	90
560	β-Hydroxybutyrate induces bovine hepatocyte apoptosis via an ROS-p38 signaling pathway. Journal of Dairy Science, 2016, 99, 9184-9198.	1.4	148
561	Stabilization of endogenous Nrf2 by minocycline protects against Nlrp3-inflammasome induced diabetic nephropathy. Scientific Reports, 2016, 6, 34228.	1.6	73
562	Myocardial transcription factors in diastolic dysfunction: clues for model systems and disease. Heart Failure Reviews, 2016, 21, 783-794.	1.7	11
563	β-Lapachone increases phase II antioxidant enzyme expression via NQO1-AMPK/PI3K-Nrf2/ARE signaling in rat primary astrocytes. Free Radical Biology and Medicine, 2016, 97, 168-178.	1.3	44
564	Pyrrolidine dithiocarbamate activates the Nrf2 pathway in astrocytes. Journal of Neuroinflammation, 2016, 13, 49.	3.1	38
565	A possible role of microglia-derived nitric oxide by lipopolysaccharide in activation of astroglial pentose-phosphate pathway via the Keap1/Nrf2 system. Journal of Neuroinflammation, 2016, 13, 99.	3.1	47
566	Emerging roles of Nrf2 signal in non-small cell lung cancer. Journal of Hematology and Oncology, 2016, 9, 14.	6.9	50
567	Curcumin, Silybin Phytosome <sup>®</sup> and αâ€R‣ipoic Acid Mitigate Chronic Hepatitis in Rat by Inhibiting Oxidative Stress and Inflammatory Cytokines Production. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 369-380.	1.2	18
568	The involvement of the Toll-like receptor signaling and Nrf2-Keap1 pathways in the <i>in vitro</i> regulation of IL-8 and HMOX1 for skin sensitization. Journal of Immunotoxicology, 2016, 13, 1-6.	0.9	14
569	Redox homeostasis: The Golden Mean of healthy living. Redox Biology, 2016, 8, 205-215.	3.9	300
570	Nrf2 activation in the treatment of neurodegenerative diseases: a focus on its role in mitochondrial bioenergetics and function. Biological Chemistry, 2016, 397, 383-400.	1.2	128
571	Andrographolide stimulates p38 mitogen-activated protein kinase–nuclear factor erythroid-2-related factor 2–heme oxygenase 1 signaling in primary cerebral endothelial cells for definite protection against ischemic stroke in rats. Translational Research, 2016, 170, 57-72.	2.2	70

#	Article	IF	CITATIONS
572	Short-chain C2 ceramide induces heme oxygenase-1 expression by upregulating AMPK and MAPK signaling pathways in rat primary astrocytes. Neurochemistry International, 2016, 94, 39-47.	1.9	11
573	NAD(P)H: quinone oxidoreductase 1 inducer activity of novel 4-aminoquinazoline derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1369-1374.	2.5	3
574	miR-214 protects erythroid cells against oxidative stress by targeting ATF4 and EZH2. Free Radical Biology and Medicine, 2016, 92, 39-49.	1.3	43
575	Tert-butylhydroquinone compromises survival in murine experimental stroke. Neurotoxicology and Teratology, 2016, 54, 15-21.	1.2	8
576	Antioxidant and hepatoprotective effect of polyphenols from apple pomace extract via apoptosis inhibition and Nrf2 activation in mice. Human and Experimental Toxicology, 2016, 35, 1264-1275.	1.1	36
577	Role of heme Oxygenase-1 in low dose Radioadaptive response. Redox Biology, 2016, 8, 333-340.	3.9	11
578	Insulin-like growth factor 1 specifically up-regulates expression of modifier subunit of glutamate-cysteine ligase and enhances glutathione synthesis in SH-SY5Y cells. European Journal of Pharmacology, 2016, 771, 99-106.	1.7	10
579	Caffeic acid prevents acetaminophen-induced liver injury by activating the Keap1-Nrf2 antioxidative defense system. Free Radical Biology and Medicine, 2016, 91, 236-246.	1.3	166
580	Combination of siRNA-directed gene silencing with epigallocatechin-3-gallate (EGCG) reverses drug resistance in human breast cancer cells. Journal of Chemical Biology, 2016, 9, 41-52.	2.2	34
581	Resveratrol and curcumin ameliorate di-(2-ethylhexyl) phthalate induced testicular injury in rats. General and Comparative Endocrinology, 2016, 225, 45-54.	0.8	45
582	Agmatine, by Improving Neuroplasticity Markers and Inducing Nrf2, Prevents Corticosterone-Induced Depressive-Like Behavior in Mice. Molecular Neurobiology, 2016, 53, 3030-3045.	1.9	82
583	Astrocyte elevated gene-1 (AEG-1) and the A(E)Ging HIV/AIDS-HAND. Progress in Neurobiology, 2017, 157, 133-157.	2.8	24
584	Effect of resveratrol analogue, DMU-212, on antioxidant status and apoptosis-related genes in rat model of hepatocarcinogenesis. Human and Experimental Toxicology, 2017, 36, 160-175.	1.1	6
585	Hesperetin protects against H 2 O 2 -triggered oxidative damage via upregulation of the Keap1-Nrf2/HO-1 signal pathway in ARPE-19 cells. Biomedicine and Pharmacotherapy, 2017, 88, 124-133.	2.5	111
586	Vitamin D supplementation inhibits oxidative stress and upregulate SIRT1/AMPK/GLUT4 cascade in high glucose-treated 3T3L1 adipocytes and in adipose tissue of high fat diet-fed diabetic mice. Archives of Biochemistry and Biophysics, 2017, 615, 22-34.	1.4	130
587	Berberine, an isoquinoline alkaloid suppresses TXNIP mediated NLRP3 inflammasome activation in MSU crystal stimulated RAW 264.7 macrophages through the upregulation of Nrf2 transcription factor and alleviates MSU crystal induced inflammation in rats. International Immunopharmacology, 2017, 44, 26-37.	1.7	91
588	Capillarisin augments anti-oxidative and anti-inflammatory responses by activating Nrf2/HO-1 signaling. Neurochemistry International, 2017, 105, 11-20.	1.9	17
589	A Study on Gene Expression Profile of Endogenous Antioxidant Enzymes: CAT, MnSOD and GPx in Dengue Patients. Indian Journal of Clinical Biochemistry, 2017, 32, 437-445.	0.9	5

	CITATION	Report	
#	Article	IF	CITATIONS
590	Protective effect of butin against ischemia/reperfusion-induced myocardial injury in diabetic mice: involvement of the AMPK/GSK-3β/Nrf2 signaling pathway. Scientific Reports, 2017, 7, 41491.	1.6	97
591	Non-alcoholic fatty liver disease (NAFLD) – pathogenesis, classification, and effect on drug metabolizing enzymes and transporters. Drug Metabolism Reviews, 2017, 49, 197-211.	1.5	414
592	Molecular effectors in the chronic exposure to arsenic as early and sensitive biomarkers in developing Rhinella arenarum toads. Aquatic Toxicology, 2017, 186, 19-27.	1.9	8
593	The see-saw of Keap1-Nrf2 pathway in cancer. Critical Reviews in Oncology/Hematology, 2017, 116, 89-98.	2.0	52
594	Dehydrobruceine B enhances the cisplatin-induced cytotoxicity through regulation of the mitochondrial apoptotic pathway in lung cancer A549 cells. Biomedicine and Pharmacotherapy, 2017, 89, 623-631.	2.5	19
596	Differential expression of NADPH oxidase-2 (Nox-2) and nuclear factor-erythroid 2-related factor 2 (Nrf2) transcripts in peripheral blood mononuclear cells isolated from dengue patients. VirusDisease, 2017, 28, 54-60.	1.0	6
597	Methotrexate hepatotoxicity is associated with oxidative stress, and down-regulation of PPARÎ <sup>3</sup> and Nrf2: Protective effect of 18Î <sup>2</sup> -Glycyrrhetinic acid. Chemico-Biological Interactions, 2017, 270, 59-72.	1.7	118
598	The expression of P450 genes mediating fenpropathrin resistance is regulated by CncC and Maf in Tetranychus cinnabarinus (Boisduval). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 198, 28-36.	1.3	29
599	Corynoline attenuates LPS-induced acute lung injury in mice by activating Nrf2. International Immunopharmacology, 2017, 48, 96-101.	1.7	35
600	Melatonin and its metabolites protect human melanocytes against UVB-induced damage: Involvement of NRF2-mediated pathways. Scientific Reports, 2017, 7, 1274.	1.6	124
601	The Nrf2/GCH1/BH4 Axis Ameliorates Radiation-Induced Skin Injury by Modulating the ROS Cascade. Journal of Investigative Dermatology, 2017, 137, 2059-2068.	0.3	55
602	Nrf-2-driven long noncoding RNA ODRUL contributes to modulating silver nanoparticle-induced effects on erythroid cells. Biomaterials, 2017, 130, 14-27.	5.7	39
603	Proteasome expression and activity in cancer and cancer stem cells. Tumor Biology, 2017, 39, 101042831769224.	0.8	58
604	Possible involvement of Nrf2 and PPARÎ <sup>3</sup> up-regulation in the protective effect of umbelliferone against cyclophosphamide-induced hepatotoxicity. Biomedicine and Pharmacotherapy, 2017, 86, 297-306.	2.5	132
605	Redox imbalance and mitochondrial abnormalities in the diabetic lung. Redox Biology, 2017, 11, 51-59.	3.9	64
606	A Soluble Form of P Selectin Glycoprotein Ligand 1 Requires Signaling by Nuclear Factor Erythroid 2–Related Factor 2 to Protect Liver Transplant Endothelial Cells Against Ischemia–Reperfusion Injury. American Journal of Transplantation, 2017, 17, 1462-1475.	2.6	14
607	Progesterone Provides the Pleiotropic Neuroprotective Effect on Traumatic Brain Injury Through the Nrf2/ARE Signaling Pathway. Neurocritical Care, 2017, 26, 292-300.	1.2	26
608	Alpinumisoflavone radiosensitizes esophageal squamous cell carcinoma through inducing apoptosis and cell cycle arrest. Biomedicine and Pharmacotherapy, 2017, 95, 199-206.	2.5	29

#	Article	IF	CITATIONS
609	Suppressed ubiquitination of Nrf2 by p47phox contributes to Nrf2 activation. Free Radical Biology and Medicine, 2017, 113, 48-58.	1.3	26
610	Uric acid demonstrates neuroprotective effect on Parkinson's disease mice through Nrf2-ARE signaling pathway. Biochemical and Biophysical Research Communications, 2017, 493, 1443-1449.	1.0	66
611	Protective effects of Schisandrin B on cigarette smoke-induced airway injury in mice through Nrf2 pathway. International Immunopharmacology, 2017, 53, 11-16.	1.7	14
612	Hydrogen sulfide attenuates calcification of vascular smooth muscle cells via KEAP1/NRF2/NQO1 activation. Atherosclerosis, 2017, 265, 78-86.	0.4	83
613	Pro-oxidant status and Nrf2 levels in psoriasis vulgaris skin tissues and dimethyl fumarate-treated HaCaT cells. Archives of Pharmacal Research, 2017, 40, 1105-1116.	2.7	28
614	Apigenin inhibits d-galactosamine/LPS-induced liver injury through upregulation of hepatic Nrf-2 and PPARÎ <sup>3</sup> expressions in mice. Biochemical and Biophysical Research Communications, 2017, 493, 625-630.	1.0	30
615	Subcritical water-hydrolyzed fish collagen ameliorates survival of endotoxemic mice by inhibiting HMGB1 release in a HO-1-dependent manner. Biomedicine and Pharmacotherapy, 2017, 93, 923-930.	2.5	12
616	Berberine ameliorates methotrexate-induced liver injury by activating Nrf2/HO-1 pathway and PPARÎ <sup>3</sup> , and suppressing oxidative stress and apoptosis in rats. Biomedicine and Pharmacotherapy, 2017, 94, 280-291.	2.5	126
617	Anti-Inflammatory Effects of Licochalcone A on IL-1β-Stimulated Human Osteoarthritis Chondrocytes. Inflammation, 2017, 40, 1894-1902.	1.7	64
618	Pancreatic mitochondrial complex I exhibits aberrant hyperactivity in diabetes. Biochemistry and Biophysics Reports, 2017, 11, 119-129.	0.7	40
619	Selenium triggers Nrf2-mediated protection against cadmium-induced chicken hepatocyte autophagy and apoptosis. Toxicology in Vitro, 2017, 44, 349-356.	1.1	89
620	Potential repositioning of exemestane as a neuroprotective agent for Parkinson's disease. Free Radical Research, 2017, 51, 633-645.	1.5	5
621	Respiratory syncytial virus induces NRF2 degradation through a promyelocytic leukemia protein ―ring finger protein 4 dependent pathway. Free Radical Biology and Medicine, 2017, 113, 494-504.	1.3	47
622	Endothelial microparticles prevent lipidâ€induced endothelial damage <i>via</i> Akt/eNOS signaling and reduced oxidative stress. FASEB Journal, 2017, 31, 4636-4648.	0.2	71
623	The active metabolite of leflunomide, A77 1726, attenuates inflammatory arthritis in mice with spontaneous arthritis via induction of heme oxygenase-1. Journal of Translational Medicine, 2017, 15, 31.	1.8	15
624	Omega-3 polyunsaturated fatty acids ameliorates testicular ischemia-reperfusion injury through the induction of Nrf2 and inhibition of NF-I®B in rats. Experimental and Molecular Pathology, 2017, 103, 44-50.	0.9	19
625	Molecular effects of 1-naphthyl-methylcarbamate and solar radiation exposures on human melanocytes. Toxicology in Vitro, 2017, 38, 67-76.	1.1	3
626	Connexin43 regulates high glucose-induced expression of fibronectin, ICAM-1 and TGF-β1 via Nrf2/ARE pathway in glomerular mesangial cells. Free Radical Biology and Medicine, 2017, 102, 77-86.	1.3	53

#	Article	IF	CITATIONS
627	A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction: Involvement of Akt/eNOS and Nrf2/ARE signaling. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3311-3322.	1.1	58
628	G-Quadruplex in the NRF2 mRNA 5′ Untranslated Region Regulates <i>De Novo</i> NRF2 Protein Translation under Oxidative Stress. Molecular and Cellular Biology, 2017, 37, .	1.1	48
629	Simvastatin attenuates renal ischemia/reperfusion injury from oxidative stress via targeting Nrf2/HO‑1 pathway. Experimental and Therapeutic Medicine, 2017, 14, 4460-4466.	0.8	20
630	Gastrodin protects against LPS-induced acute lung injury by activating Nrf2 signaling pathway. Oncotarget, 2017, 8, 32147-32156.	0.8	32
631	Induction of Mkp-1 and Nuclear Translocation of Nrf2 by Limonoids from Khaya grandifoliola C.DC Protect L-02 Hepatocytes against Acetaminophen-Induced Hepatotoxicity. Frontiers in Pharmacology, 2017, 8, 653.	1.6	19
632	Identification of Novel Signal Transduction, Immune Function, and Oxidative Stress Genes and Pathways by Topiramate for Treatment of Methamphetamine Dependence Based on Secondary Outcomes. Frontiers in Psychiatry, 2017, 8, 271.	1.3	8
633	Reductive Stress in Inflammation-Associated Diseases and the Pro-Oxidant Effect of Antioxidant Agents. International Journal of Molecular Sciences, 2017, 18, 2098.	1.8	150
634	Antioxidants for Healthy Skin: The Emerging Role of Aryl Hydrocarbon Receptors and Nuclear Factor-Erythroid 2-Related Factor-2. Nutrients, 2017, 9, 223.	1.7	82
635	miR-483-5p plays a protective role in chronic obstructive pulmonary disease. International Journal of Molecular Medicine, 2017, 40, 193-200.	1.8	21
636	Oligomeric proanthocyanidins protects A549 cells against H2O2-induced oxidative stress via the Nrf2-ARE pathway. International Journal of Molecular Medicine, 2017, 39, 1548-1554.	1.8	19
637	Hepatoprotective effects of rice-derived peptides against acetaminophen-induced damage in mice. Journal of Clinical Biochemistry and Nutrition, 2017, 60, 115-120.	0.6	14
638	Sake lees hydrolysate protects against acetaminophen-induced hepatotoxicity via activation of the Nrf2 antioxidant pathway. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 203-209.	0.6	8
639	NRF2 Regulates HER1 Signaling Pathway to Modulate the Sensitivity of Ovarian Cancer Cells to Lapatinib and Erlotinib. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-19.	1.9	20
640	A Cystine-Rich Whey Supplement (Immunocal®) Provides Neuroprotection from Diverse Oxidative Stress-Inducing Agents <i>In Vitro</i> by Preserving Cellular Glutathione. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-15.	1.9	11
641	A targeted gene expression platform allows for rapid analysis of chemical-induced antioxidant mRNA expression in zebrafish larvae. PLoS ONE, 2017, 12, e0171025.	1.1	20
642	Melatonin protects against arsenic trioxide-induced liver injury by the upregulation of Nrf2 expression through the activation of PI3K/AKT pathway. Oncotarget, 2017, 8, 3773-3780.	0.8	52
643	Protective effects of sulforaphane on di-n-butylphthalate-induced testicular oxidative stress injury in male mice offsprings via activating Nrf2/ARE pathway. Oncotarget, 2017, 8, 82956-82967.	0.8	17
644	7-deacetylgedunin suppresses inflammatory responses through activation of Keap1/Nrf2/HO-1 signaling. Oncotarget, 2017, 8, 55051-55063.	0.8	41

	CITATION	Report	
#	ARTICLE	IF	Citations
645	Isoniazid induces apoptosis: Role of oxidative stress and inhibition of nuclear translocation of nuclear factor (erythroid-derived 2)-like 2 (Nrf2). Life Sciences, 2018, 199, 23-33.	2.0	27
646	Nrf-2 transcriptionally activates P21 Cip/WAF1 and promotes A549â€ <sup>-</sup> cell survival against oxidative stress induced by H 2 O 2. Chemico-Biological Interactions, 2018, 285, 59-68.	1.7	21
647	Phosphorylation of nuclear factor erythroid 2-like 2 (NFE2L2) in mammary tissue of Holstein cows during the periparturient period is associated with mRNA abundance of antioxidant gene networks. Journal of Dairy Science, 2018, 101, 6511-6522.	1.4	16
648	Put "gender glasses―on the effects of phenolic compounds on cardiovascular function and diseases. European Journal of Nutrition, 2018, 57, 2677-2691.	1.8	38
649	Anticancer Potential of Dietary Polyphenols. , 2018, , 25-50.		3
650	Functions of the sirtuin deacylase SIRT5 in normal physiology and pathobiology. Critical Reviews in Biochemistry and Molecular Biology, 2018, 53, 311-334.	2.3	162
651	Defective protein repair under methionine sulfoxide A deletion drives autophagy and ARE-dependent gene transcription. Redox Biology, 2018, 16, 401-413.	3.9	13
652	Glutamate Excitotoxicity Linked to Spermine Oxidase Overexpression. Molecular Neurobiology, 2018, 55, 7259-7270.	1.9	24
653	New application of the commercial sweetener rebaudioside a as a hepatoprotective candidate: Induction of the Nrf2 signaling pathway. European Journal of Pharmacology, 2018, 822, 128-137.	1.7	27
654	Oxyresveratrol prevents lipopolysaccharide/d-galactosamine-induced acute liver injury in mice. International Immunopharmacology, 2018, 56, 105-112.	1.7	37
655	Oxidative and endoplasmic reticulum stress defense mechanisms of bovine granulosa cells exposed to heat stress. Theriogenology, 2018, 110, 130-141.	0.9	74
656	Design and Synthesis of Novel Reactive Oxygen Species Inducers for the Treatment of Pancreatic Ductal Adenocarcinoma. Journal of Medicinal Chemistry, 2018, 61, 1576-1594.	2.9	24
657	Testing a chemical series inspired by plant stress oxylipin signalling agents for herbicide safening activity. Pest Management Science, 2018, 74, 828-836.	1.7	22
658	Natural Polyphenol Chlorogenic Acid Protects Against Acetaminophen-Induced Hepatotoxicity by Activating ERK/Nrf2 Antioxidative Pathway. Toxicological Sciences, 2018, 162, 99-112.	1.4	57
659	Aging attenuates redox adaptive homeostasis and proteostasis in female mice exposed to traffic-derived nanoparticles (â€~vehicular smog'). Free Radical Biology and Medicine, 2018, 121, 86-97.	1.3	36
660	Polysulfide protects midbrain dopaminergic neurons from MPP+-induced degeneration via enhancement of glutathione biosynthesis. Journal of Pharmacological Sciences, 2018, 137, 47-54.	1.1	9
661	Peracetylated hydroxytyrosol, a new hydroxytyrosol derivate, attenuates LPS-induced inflammatory response in murine peritoneal macrophages via regulation of non-canonical inflammasome, Nrf2/HO1 and JAK/STAT signaling pathways. Journal of Nutritional Biochemistry, 2018, 57, 110-120.	1.9	32
662	Cordycepin alleviates lipopolysaccharide-induced acute lung injury via Nrf2/HO-1 pathway. International Immunopharmacology, 2018, 60, 18-25.	1.7	24

#	Article	IF	CITATIONS
663	Lysosomes Support the Degradation, Signaling, and Mitochondrial MetabolismÂNecessary for Human Epidermal Differentiation. Journal of Investigative Dermatology, 2018, 138, 1945-1954.	0.3	48
664	Quercetin attenuates zymosan-induced arthritis in mice. Biomedicine and Pharmacotherapy, 2018, 102, 175-184.	2.5	67
665	Adverse effects of the renal accumulation of haem proteins. Novel therapeutic approaches. Nefrologia, 2018, 38, 13-26.	0.2	6
666	Arachidonic Acid Induces ARE/Nrf2-Dependent Heme Oxygenase-1 Transcription in Rat Brain Astrocytes. Molecular Neurobiology, 2018, 55, 3328-3343.	1.9	26
667	Efectos adversos de la acumulación renal de hemoproteÃnas. Nuevas herramientas terapéuticas. Nefrologia, 2018, 38, 13-26.	0.2	12
668	Vitamin E deficiency depressed gill immune response and physical barrier referring to NF-kB, TOR, Nrf2 and MLCK signalling in grass carp (Ctenopharyngodon idella) under infection of Flavobacterium columnare. Aquaculture, 2018, 484, 13-27.	1.7	23
669	Low-current & high-frequency electrical stunning increased oxidative stress, lipid peroxidation, and gene transcription of the mitogen-activated protein kinase/nuclear factor-erythroid 2-related factor 2/antioxidant responsive element (MAPK/Nrf2/ARE) signaling pathway in breast muscle of broilers. Food Chemistry, 2018, 242, 491-496.	4.2	20
670	Integrated metabolic models for xenobiotic induced mitochondrial toxicity in skeletal muscle. Redox Biology, 2018, 14, 198-210.	3.9	6
671	NQO1 in protection against oxidative stress. Current Opinion in Toxicology, 2018, 7, 67-72.	2.6	64
672	Ligustilide attenuates vascular inflammation and activates Nrf2/HO-1 induction and, NO synthesis in HUVECs. Phytomedicine, 2018, 38, 12-23.	2.3	73
673	Prophylactic role of vitamin K supplementation on vascular inflammation in type 2 diabetes by regulating the NF-κB/Nrf2 pathway <i>via</i> activating Gla proteins. Food and Function, 2018, 9, 450-462.	2.1	28
674	Current state of yusho and prospects for therapeutic strategies. Environmental Science and Pollution Research, 2018, 25, 16472-16480.	2.7	13
675	p21 protects cardiomyocytes against ischemia-reperfusion injury by inhibiting oxidative stress. Molecular Medicine Reports, 2018, 17, 4665-4671.	1.1	13
676	Oxidative Stress: Noxious but Also Vital. , 2018, , .		2
677	Molecular mechanism by which <i>Apis cerana cerana</i> MKK6 ( <i>AccMKK6</i> )-mediated MAPK cascades regulate the oxidative stress response. Bioscience Reports, 2018, 38, .	1.1	11
678	Anti-inflammatory and anti-oxidant mechanisms of an MMP-8 inhibitor in lipoteichoic acid-stimulated rat primary astrocytes: involvement of NF-κB, Nrf2, and PPAR-γ signaling pathways. Journal of Neuroinflammation, 2018, 15, 326.	3.1	36
679	Smokeless tobacco extract inhibits proliferation and promotes apoptosis in oral mucous fibroblasts. Oncology Letters, 2018, 16, 5066-5074.	0.8	8
680	Regulatory crosstalk between the oxidative stress-related transcription factor Nfe2l2/Nrf2 and mitochondria. Toxicology and Applied Pharmacology, 2018, 359, 24-33.	1.3	172

		EPORT	
#	Article	IF	CITATIONS
681	Cellular and molecular responses to acute cocaine treatment in neuronal-like N2a cells: potential mechanism for its resistance in cell death. Cell Death Discovery, 2018, 4, 13.	2.0	11
682	Astaxanthin ameliorates experimental diabetes-induced renal oxidative stress and fibronectin by upregulating connexin43 in glomerular mesangial cells and diabetic mice. European Journal of Pharmacology, 2018, 840, 33-43.	1.7	27
683	Wentilactone A induces cell apoptosis by targeting AKR1C1 gene via the IGF‑1R/IRS1/PI3K/AKT/Nrf2/FLIP/Caspase‑3 signaling pathway in small cell lung cancer. Oncology Letters, 2018, 16, 6445-6457.	0.8	11
684	Enzyme Regulation. , 2018, , 8-44.		0
685	Phosphodiesterase-5 Is Elevated in Failing Single Ventricle Myocardium and Affects Cardiomyocyte Remodeling In Vitro. Circulation: Heart Failure, 2018, 11, e004571.	1.6	32
686	Redox for Repair: Cold Physical Plasmas and Nrf2 Signaling Promoting Wound Healing. Antioxidants, 2018, 7, 146.	2.2	44
687	Prevention of Oxidative Stress by α-Ketoglutarate via Activation of CAR Signaling and Modulation of the Expression of Key Antioxidant-Associated Targets in Vivo and in Vitro. Journal of Agricultural and Food Chemistry, 2018, 66, 11273-11283.	2.4	31
688	Protective effect of Anwulignan against D-galactose-induced hepatic injury through activating p38 MAPK–Nrf2–HO-1 pathway in mice. Clinical Interventions in Aging, 2018, Volume 13, 1859-1869.	1.3	31
689	Inhibition of RKIP aggravates thioacetamide‑induced acute liver failure in mice. Experimental and Therapeutic Medicine, 2018, 16, 2992-2998.	0.8	9
690	Bio-accessible milk casein derived tripeptide (LLY) mediates overlapping anti- inflammatory and anti-oxidative effects under cellular (Caco-2) and in vivo milieu. Journal of Nutritional Biochemistry, 2018, 62, 167-180.	1.9	17
691	Cytoprotective effect of Streptococcus thermophilus against oxidative stress mediated by a novel peroxidase (EfeB). Journal of Dairy Science, 2018, 101, 6955-6963.	1.4	5
692	The effects of Mucuna pruriens on the renal oxidative stress and transcription factors in high-fructose-fed rats. Food and Chemical Toxicology, 2018, 118, 526-531.	1.8	14
693	Resveratrol-Induced Downregulation of NAF-1 Enhances the Sensitivity of Pancreatic Cancer Cells to Gemcitabine via the ROS/Nrf2 Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	63
694	Apigenin prevents metabolic syndrome in high-fructose diet-fed mice by Keap1-Nrf2 pathway. Biomedicine and Pharmacotherapy, 2018, 105, 1283-1290.	2.5	61
695	3-(1H-Benzo[ <i>d</i> ]imidazol-6-yl)-5-(4-fluorophenyl)-1,2,4-oxadiazole (DDO7232), a Novel Potent Nrf2/ARE Inducer, Ameliorates DSS-Induced Murine Colitis and Protects NCM460 Cells against Oxidative Stress via ERK1/2 Phosphorylation. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	11
696	Crosstalk between unfolded protein response and Nrf2-mediated antioxidant defense in Di-(2-ethylhexyl) phthalate-induced renal injury in quail (Coturnix japonica). Environmental Pollution, 2018, 242, 1871-1879.	3.7	61
697	Ginsenoside Rg1 protects against acetaminophen-induced liver injury via activating Nrf2 signaling pathway in vivo and in vitro. Regulatory Toxicology and Pharmacology, 2018, 98, 58-68.	1.3	33
698	Trans10, cis12-conjugated linoleic acid exhibits a stronger antioxidant capacity than cis9, trans11-conjugated linoleic acid in primary cultures of laying hen hepatocytes. Poultry Science, 2018, 97, 4415-4424.	1.5	10

#	Article	IF	CITATIONS
699	Quinone Reductases. , 2018, , 233-250.		0
700	Protective Role of Nuclear Factor Erythroid 2-Related Factor 2 Against Respiratory Syncytial Virus and Human Metapneumovirus Infections. Frontiers in Immunology, 2018, 9, 854.	2.2	29
701	Targeting glycogen synthase kinase-3 for oxidative stress and neuroinflammation: Opportunities, challenges and future directions for cerebral stroke management. Neuropharmacology, 2018, 139, 124-136.	2.0	66
702	Astaxanthin Promotes Nrf2/ARE Signaling to Inhibit HG-Induced Renal Fibrosis in GMCs. Marine Drugs, 2018, 16, 117.	2.2	43
703	Hepatoprotective effect of rhein against methotrexate-induced liver toxicity. European Journal of Pharmacology, 2018, 834, 266-273.	1.7	50
704	Reduction of 2-methoxy-1,4-naphtoquinone by mitochondrially-localized Nqo1 yielding NAD+ supports substrate-level phosphorylation during respiratory inhibition. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 909-924.	0.5	12
705	Liraglutide reduces hepatic glucolipotoxicityâ€ʻinduced liver cell apoptosis through NRF2 signaling in Zucker diabetic fatty rats. Molecular Medicine Reports, 2018, 17, 8316-8324.	1.1	16
706	Gas stunning with CO2 affected meat color, lipid peroxidation, oxidative stress, and gene expression of mitogen-activated protein kinases, glutathione S-transferases, and Cu/Zn-superoxide dismutase in the skeletal muscles of broilers. Journal of Animal Science and Biotechnology, 2018, 9, 37.	2.1	15
707	The role of oxidative stress in anxiety disorder: cause or consequence?. Free Radical Research, 2018, 52, 737-750.	1.5	112
708	Voriconazole-induced photocarcinogenesis is promoted by aryl hydrocarbon receptor-dependent COX-2 upregulation. Scientific Reports, 2018, 8, 5050.	1.6	22
709	Astragaloside IV Attenuates Acetaminophen-Induced Liver Injuries in Mice by Activating the Nrf2 Signaling Pathway. Molecules, 2018, 23, 2032.	1.7	35
710	Functional role of peroxiredoxin 6 in the eye. Free Radical Biology and Medicine, 2018, 126, 210-220.	1.3	17
711	Dietary magnesium deficiency impaired intestinal structural integrity in grass carp (Ctenopharyngodon idella). Scientific Reports, 2018, 8, 12705.	1.6	20
712	Hepatoprotective Effect of Polysaccharides Isolated from <i>Dendrobium officinale</i> against Acetaminophen-Induced Liver Injury in Mice via Regulation of the Nrf2-Keap1 Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	45
713	Attenuation of <i>tert</i> -Butyl Hydroperoxide ( <i>t</i> -BHP)-Induced Oxidative Damage in HepG2 Cells by Tangeretin: Relevance of the Nrf2–ARE and MAPK Signaling Pathways. Journal of Agricultural and Food Chemistry, 2018, 66, 6317-6325.	2.4	68
714	DNA methylation of a non-CpG island promoter represses <italic>NQO1</italic> expression in rat arsenic-transformed lung epithelial cells. Acta Biochimica Et Biophysica Sinica, 2018, 50, 733-739.	0.9	9
715	To adapt or not to adapt: Consequences of declining Adaptive Homeostasis and Proteostasis with age. Mechanisms of Ageing and Development, 2019, 177, 80-87.	2.2	27
716	The Effect of Oxidized Fish Oils on Growth Performance, Oxidative Status, and Intestinal Barrier Function in Broiler Chickens. Journal of Applied Poultry Research, 2019, 28, 31-41.	0.6	21

#	Article	IF	CITATIONS
717	Mechanics of PAK1-A new molecular player in the arena of skin cancer. Journal of Cellular Physiology, 2019, 234, 969-975.	2.0	2
718	Knockdown of TRIM32 Protects Hippocampal Neurons from Oxygen–Glucose Deprivation-Induced Injury. Neurochemical Research, 2019, 44, 2182-2189.	1.6	14
719	The role of ANXA5 in DBP-induced oxidative stress through ERK/Nrf2 pathway. Environmental Toxicology and Pharmacology, 2019, 72, 103236.	2.0	20
720	CNTF and Nrf2 Are Coordinately Involved in Regulating Self-Renewal and Differentiation of Neural Stem Cell during Embryonic Development. IScience, 2019, 19, 303-315.	1.9	14
721	Zingerone attenuates aortic bandingâ€induced cardiac remodelling via activating the eNOS/Nrf2 pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 6466-6478.	1.6	19
722	Artocarmitin B enhances intracellular antioxidant capacity via activation of Nrf2 signaling pathway in human lung epithelial cells. Chemico-Biological Interactions, 2019, 310, 108741.	1.7	4
723	Dendrobium Officinale Polysaccharides Protect against MNNG-Induced PLGC in Rats via Activating the NRF2 and Antioxidant Enzymes HO-1 and NQO-1. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	61
724	Madecassoside ameliorates lipopolysaccharide-induced neurotoxicity in rats by activating the Nrf2-HO-1 pathway. Neuroscience Letters, 2019, 709, 134386.	1.0	20
725	Nrf2 Plays a Protective Role Against Intravascular Hemolysis-Mediated Acute Kidney Injury. Frontiers in Pharmacology, 2019, 10, 740.	1.6	36
726	Activation of pCREB/Nrf-2 signaling mediates re-positioning of liraglutide as hepato-protective for methotrexate -induced liver injury (MILI). Food and Chemical Toxicology, 2019, 132, 110719.	1.8	10
727	Centaurium erythraea extract improves survival and functionality of pancreatic beta-cells in diabetes through multiple routes of action. Journal of Ethnopharmacology, 2019, 242, 112043.	2.0	15
728	Nrf2 Suppression Delays Diabetic Wound Healing Through Sustained Oxidative Stress and Inflammation. Frontiers in Pharmacology, 2019, 10, 1099.	1.6	84
729	ROS from Physical Plasmas: Redox Chemistry for Biomedical Therapy. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-29.	1.9	168
730	The hepatoprotective effects of Salvia plebeia R. Br. extract in zebrafish (Danio rerio). Fish and Shellfish Immunology, 2019, 95, 399-410.	1.6	24
731	Anti-oxidant and Anti-inflammatory Effects of Aquatic Exercise in Allergic Airway Inflammation in Mice. Frontiers in Physiology, 2019, 10, 1227.	1.3	10
732	Grape Seed Procyanidins Attenuates Cisplatin-induced Human Embryonic Renal Cell Cytotoxicity by Modulating Heme Oxygenase-1 in Vitro. Cell Biochemistry and Biophysics, 2019, 77, 367-377.	0.9	8
733	Augmenter of Liver Regeneration Reduces Ischemia Reperfusion Injury by Less Chemokine Expression, Gr-1 Infiltration and Oxidative Stress. Cells, 2019, 8, 1421.	1.8	12
734	Torularhodin Ameliorates Oxidative Activity in Vitro and <scp>d</scp> -Galactose-Induced Liver Injury via the Nrf2/HO-1 Signaling Pathway in Vivo. Journal of Agricultural and Food Chemistry, 2019, 67, 10059-10068.	2.4	33

#	Article	IF	CITATIONS
735	Non-canonical transcriptional regulation of heme oxygenase in Aedes aegypti. Scientific Reports, 2019, 9, 13726.	1.6	24
736	Upregulation of CYP2E1 expression causes oxidative damage induced by 2-chloroethanol in primary cultured rat astrocytes. NeuroToxicology, 2019, 75, 233-244.	1.4	7
737	Glutathione Might Attenuate Cadmium-Induced Liver Oxidative Stress and Hepatic Stellate Cell Activation. Biological Trace Element Research, 2019, 191, 443-452.	1.9	34
738	Vitamin A deficiency impairs intestinal physical barrier function of fish. Fish and Shellfish Immunology, 2019, 87, 546-558.	1.6	33
739	Glutathione antioxidant system and methylmercury-induced neurotoxicity: An intriguing interplay. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 129285.	1.1	87
740	Protective effect of Shaoyao Decoction against colorectal cancer via the Keap1–Nrf2–ARE signaling pathway. Journal of Ethnopharmacology, 2019, 241, 111981.	2.0	36
741	Heat shock induces the cellular antioxidant defenses peroxiredoxin, glutathione and glucose 6-phosphate dehydrogenase through Nrf2. Chemico-Biological Interactions, 2019, 310, 108717.	1.7	34
742	Mixture effect of arsenic and fluoride at environmentally relevant concentrations in zebrafish (Danio rerio) liver: Expression pattern of Nrf2 and related xenobiotic metabolizing enzymes. Aquatic Toxicology, 2019, 213, 105219.	1.9	42
743	Induction of EpRE-mediated gene expression by a series of mediterranean botanicals and their constituents. Journal of Ethnopharmacology, 2019, 240, 111940.	2.0	4
744	Luteolin Attenuates Cardiac Ischemia/Reperfusion Injury in Diabetic Rats by Modulating Nrf2 Antioxidative Function. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	1.9	69
745	Naringenin Inhibit the Hydrogen Peroxide-Induced SH-SY5Y Cells Injury Through Nrf2/HO-1 Pathway. Neurotoxicity Research, 2019, 36, 796-805.	1.3	22
746	Osthole promotes the suppressive effects of cisplatin on NRF2 expression to prevent drug-resistant cervical cancer progression. Biochemical and Biophysical Research Communications, 2019, 514, 510-517.	1.0	32
747	Protective effect of the glucagon-like peptide-1 analogue liraglutide on carbon tetrachloride-induced acute liver injury in mice. Biochemical and Biophysical Research Communications, 2019, 514, 386-392.	1.0	9
748	Effects of sulforaphane on D-galactose-induced liver aging in rats: Role of keap-1/nrf-2 pathway European Journal of Pharmacology, 2019, 855, 40-49.	1.7	43
749	Nrf2-Mediated Antioxidant Activity of the inner bark extracts obtained from Tabebuia rosea (Bertol) DC and Tabebuia chrysantha (JACQ) G. Nicholson F1000Research, 2018, 7, 1937.	0.8	7
750	2′O-galloylhyperin attenuates LPS-induced acute lung injury via up-regulation antioxidation and inhibition of inflammatory responses in vivo. Chemico-Biological Interactions, 2019, 304, 20-27.	1.7	10
751	EDITORIAL: Special issue on the role of lipid and protein oxidation in retinal degenerations. Experimental Eye Research, 2019, 181, 313-315.	1.2	2
752	Glyceollins Modulate Tumor Development and Growth in a Mouse Xenograft Model of Human Colon Cancer in a <i>p53</i> -Dependent Manner. Journal of Medicinal Food, 2019, 22, 521-528.	0.8	5

4

#	Article	IF	CITATIONS
753	Nonanimal Models for Acute Toxicity Evaluations: Applying Data-Driven Profiling and Read-Across. Environmental Health Perspectives, 2019, 127, 47001.	2.8	56
754	Insecticides induce the co-expression of glutathione S-transferases through ROS/CncC pathway in Spodoptera exigua. Pesticide Biochemistry and Physiology, 2019, 155, 58-71.	1.6	58
755	Role of Nrf2 and Its Activators in Respiratory Diseases. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-17.	1.9	130
756	Digoxin sensitizes gemcitabine-resistant pancreatic cancer cells to gemcitabine via inhibiting Nrf2 signaling pathway. Redox Biology, 2019, 22, 101131.	3.9	45
757	Apoptotic effects of cigarette smoke extracts on mouse embryonic stem cells via oxidative stress. Environmental Toxicology, 2019, 34, 689-698.	2.1	5
758	Zearalenone induced oxidative stress in the jejunum in postweaning gilts through modulation of the Keap1–Nrf2 signaling pathway and relevant genes1. Journal of Animal Science, 2019, 97, 1722-1733.	0.2	36
759	Z-Ligustilide protects vascular endothelial cells from oxidative stress and rescues high fat diet-induced atherosclerosis by activating multiple NRF2 downstream genes. Atherosclerosis, 2019, 284, 110-120.	0.4	58
760	Nrf2/ARE Pathway Modulation by Dietary Energy Regulation in Neurological Disorders. Frontiers in Pharmacology, 2019, 10, 33.	1.6	67
761	Antiatherogenic Effect of Resveratrol Attributed to Decreased Expression of ICAM-1 (Intercellular) Tj ETQq0 0 0 r	gBT /Overl 1.1	ock 10 Tf 50
762	Exploration of the optimal dose of HOE-642 for the protection of neuronal mitochondrial function after cardiac arrest in rats. Biomedicine and Pharmacotherapy, 2019, 110, 818-824.	2.5	4
763	Dietary Stevioside Supplementation Alleviates Lipopolysaccharide-Induced Intestinal Mucosal Damage through Anti-Inflammatory and Antioxidant Effects in Broiler Chickens. Antioxidants, 2019, 8, 575.	2.2	52
764	Maggot Extracts Alleviate Inflammation and Oxidative Stress in Acute Experimental Colitis via the Activation of Nrf2. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-18.	1.9	64
765	Kinetics of Glutathione Depletion and Antioxidant Gene Expression as Indicators of Chemical Modes of Action Assessed <i>in Vitro</i> in Mouse Hepatocytes with Enhanced Glutathione Synthesis. Chemical Research in Toxicology, 2019, 32, 421-436.	1.7	8
766	Effect of different doses of fermented Ginkgo biloba leaves on serum biochemistry, antioxidant capacity hepatic gene expression in broilers. Animal Feed Science and Technology, 2019, 248, 132-140.	1.1	16
767	Tea polyphenols protect bovine mammary epithelial cells from hydrogen peroxide-induced oxidative damage in vitro by activating NFE2L2/HMOX1 pathways. Journal of Dairy Science, 2019, 102, 1658-1670.	1.4	28

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Potential of Omega-3 Polyunsaturated Fatty Acids in Managing Chemotherapy- or Radiotherapy-Related Intestinal Microbial Dysbiosis. Advances in Nutrition, 2019, 10, 133-147.

770HYCO-3, a dual CO-releaser/Nrf2 activator, reduces tissue inflammation in mice challenged with3.94910001000100010001000100010001000100010001000100010001000

#	Article	IF	CITATIONS
771	Oxidative stress in cervical cancer pathogenesis and resistance to therapy. Journal of Cellular Biochemistry, 2019, 120, 6868-6877.	1.2	33
772	Glutathione biosynthesis is essential for antioxidant and anti-inflammatory effects of Streptococcus thermophilus. International Dairy Journal, 2019, 89, 31-36.	1.5	10
773	Transcription factors CncC/Maf and AhR/ARNT coordinately regulate the expression of multiple GSTs conferring resistance to chlorpyrifos and cypermethrin in <i>Spodoptera exigua</i> . Pest Management Science, 2019, 75, 2009-2019.	1.7	48
774	Antioxidative, anti-inflammatory and hepatoprotective effects of resveratrol on oxidative stress-induced liver damage in tilapia (Oreochromis niloticus). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 215, 56-66.	1.3	70
775	Soy-derived phytoalexins: mechanism of in vivo biological effectiveness in spite of their low bioavailability. Food Science and Biotechnology, 2019, 28, 1-6.	1.2	5
776	Effect of fermented <i>Ginkgo biloba</i> leaves on nutrient utilisation, intestinal digestive function and antioxidant capacity in broilers. British Poultry Science, 2019, 60, 47-55.	0.8	18
777	Dietary histidine affects intestinal antioxidant enzyme activities, antioxidant gene expressions and inflammatory factors in juvenile blunt snout bream ( <i>Megalobrama amblycephala</i> ). Aquaculture Nutrition, 2019, 25, 249-259.	1.1	25
778	MiR-34b Protects Against Focal Cerebral Ischemia-Reperfusion (I/R) Injury in Rat by Targeting Keap1. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1-9.	0.7	42
779	Antioxidative, inflammatory and immune responses in hydrogen peroxide-induced liver injury of tilapia (CIFT, Oreochromis niloticus). Fish and Shellfish Immunology, 2019, 84, 894-905.	1.6	50
780	Stevia residue extract ameliorates oxidative stress in d-galactose-induced aging mice via Akt/Nrf2/HO-1 pathway. Journal of Functional Foods, 2019, 52, 587-595.	1.6	39
781	Bile acid-induced apoptosis and bile acid synthesis are reduced by over-expression of Augmenter of Liver Regeneration (ALR) in a STAT3-dependent mechanism. Experimental Cell Research, 2019, 374, 189-197.	1.2	21
782	RNase1 alleviates the Aeromonas hydrophila-induced oxidative stress in blunt snout bream. Developmental and Comparative Immunology, 2019, 91, 8-16.	1.0	16
783	Redox-Dependent Regulation of Sulfur Metabolism in Biomolecules: Implications for Cardiovascular Health. Antioxidants and Redox Signaling, 2019, 30, 972-991.	2.5	9
784	Protective effects of two novel nitronyl nitroxide radicals on heart failure induced by hypobaric hypoxia. Life Sciences, 2020, 248, 116481.	2.0	13
785	Betulinic acid attenuates lipopolysaccharide-induced vascular hyporeactivity in the rat aorta by modulating Nrf2 antioxidative function. Inflammopharmacology, 2020, 28, 165-174.	1.9	19
786	Dietary taurine supplementation enhances antioxidative capacity and improves breast meat quality of broiler chickens. British Poultry Science, 2020, 61, 140-145.	0.8	15
787	Toxic effects of glyphosate on intestinal morphology, antioxidant capacity and barrier function in weaned piglets. Ecotoxicology and Environmental Safety, 2020, 187, 109846.	2.9	53
788	Modulation of growth, immunity and antioxidantâ€related gene expressions in the liver and intestine of juvenile <i>Sillago sihama</i> by dietary vitamin C. Aquaculture Nutrition, 2020, 26, 338-350.	1.1	15

#	Article	IF	CITATIONS
789	Enhancing the antioxidative effects of foods containing rutin and αâ€amino acids via the Maillard reaction: A model study focusing on rutinâ€lysine system. Journal of Food Biochemistry, 2020, 44, e13086.	1.2	11
790	miRNA Regulation of Glutathione Homeostasis in Cancer Initiation, Progression and Therapy Resistance. MicroRNA (Shariqah, United Arab Emirates), 2020, 9, 187-197.	0.6	14
791	Ferulic acid prevents oxidative stress, inflammation, and liver injury via upregulation of Nrf2/HO-1 signaling in methotrexate-induced rats. Environmental Science and Pollution Research, 2020, 27, 7910-7921.	2.7	84
792	Optimal dietary curcumin improved growth performance, and modulated innate immunity, antioxidant capacity and related genes expression of NF-ήB and Nrf2 signaling pathways in grass carp (Ctenopharyngodon idella) after infection with Aeromonas hydrophila. Fish and Shellfish Immunology, 2020, 97, 540-553.	1.6	90
793	DJ-1-binding compound B enhances Nrf2 activity through the PI3-kinase-Akt pathway by DJ-1-dependent inactivation of PTEN. Brain Research, 2020, 1729, 146641.	1.1	15
794	FoxO3 reverses 5-fluorouracil resistance in human colorectal cancer cells by inhibiting the Nrf2/TR1 signaling pathway. Cancer Letters, 2020, 470, 29-42.	3.2	48
795	Leocarpinolide B attenuates LPS-induced inflammation on RAW264.7 macrophages by mediating NF-κB and Nrf2 pathways. European Journal of Pharmacology, 2020, 868, 172854.	1.7	19
796	Effects of hypoxia–reoxygenation stimuli on renal redox status and nuclear factor erythroid 2â€related factor 2 pathway in sickle cell SAD mice. Experimental Physiology, 2020, 105, 357-369.	0.9	0
797	Apigenin exhibits anti-inflammatory effects in LPS-stimulated BV2 microglia through activating GSK3β/Nrf2 signaling pathway. Immunopharmacology and Immunotoxicology, 2020, 42, 9-16.	1.1	30
798	Protective effect of apigenin on d-galactosamine/LPS-induced hepatocellular injury by increment of Nrf-2 nucleus translocation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 929-936.	1.4	6
799	Lycopene induces insulin signaling and alleviates fibrosis in experimental model of non-alcoholic fatty liver disease in rats. PharmaNutrition, 2020, 14, 100225.	0.8	5
800	How to Improve the Antioxidant Defense in Asphyxiated Newborns—Lessons from Animal Models. Antioxidants, 2020, 9, 898.	2.2	8
801	Hepatoprotective Effect of Pericarpium zanthoxyli Extract Is Mediated via Antagonism of Oxidative Stress. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-15.	0.5	3
802	Naturally Derived Heme-Oxygenase 1 Inducers and Their Therapeutic Application to Immune-Mediated Diseases. Frontiers in Immunology, 2020, 11, 1467.	2.2	90
803	3Î <sup>2</sup> -Hydroxysteroid-Δ24 Reductase (DHCR24) Protects Pancreatic Î <sup>2</sup> Cells from Endoplasmic Reticulum Stress-Induced Apoptosis by Scavenging Excessive Intracellular Reactive Oxygen Species. Journal of Diabetes Research, 2020, 2020, 1-11.	1.0	6
804	Antioxidant defense mechanisms and its dysfunctional regulation in the mitochondrial disease, Friedreich's ataxia. Free Radical Biology and Medicine, 2020, 159, 177-188.	1.3	16
805	Protective effects of culture extracts (CB08035-SCA and CB08035-SYP) from Marinobacter hydrocarbonoclasticus (strain CB08035) against oxidant-induced stress in human colon carcinoma Caco-2Âcells. Food and Chemical Toxicology, 2020, 145, 111671.	1.8	1
806	Cellular and functional adaptation to thermal stress in ovarian granulosa cells in mammals. Journal of Thermal Biology, 2020, 92, 102688.	1.1	16

#	Article	IF	CITATIONS
807	Nano-scaled materials may induce severe neurotoxicity upon chronic exposure to brain tissues: A critical appraisal and recent updates on predisposing factors, underlying mechanism, and future prospects. Journal of Controlled Release, 2020, 328, 873-894.	4.8	19
808	Chemical Space Charting of Different Parts of Inula nervosa Wall.: Upregulation of Expression of Nrf2 and Correlated Antioxidants Enzymes. Molecules, 2020, 25, 4789.	1.7	5
809	The potential therapeutic effects of curcumin on pregnancy complications: Novel insights into reproductive medicine. IUBMB Life, 2020, 72, 2572-2583.	1.5	18
810	Ulva prolifera Extract Alleviates Intestinal Oxidative Stress via Nrf2 Signaling in Weaned Piglets Challenged With Hydrogen Peroxide. Frontiers in Immunology, 2020, 11, 599735.	2.2	13
811	LPAR2 receptor activation attenuates radiationâ€induced disruption of apical junctional complexes and mucosal barrier dysfunction in mouse colon. FASEB Journal, 2020, 34, 11641-11657.	0.2	10
812	The protective effect of natural compounds against rotenoneâ€induced neurotoxicity. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22605.	1.4	24
813	MiRNAs-Modulation of Nrf2 Signaling Networks in Regulation Oxidative Stress of Chinese Perch Skeletal Muscle After Fasting Treatment. Marine Biotechnology, 2020, 22, 620-630.	1.1	3
814	Inhibition of CYP2E1 and activation of Nrf2 signaling pathways by a fraction from Entada africana alleviate carbon tetrachloride-induced hepatotoxicity. Heliyon, 2020, 6, e04602.	1.4	10
815	Discovery of polypodiside as a Keap1-dependent Nrf2 activator attenuating oxidative stress and accumulation of extracellular matrix in glomerular mesangial cells under high glucose. Bioorganic and Medicinal Chemistry, 2020, 28, 115833.	1.4	8
816	Akebia Saponin D suppresses inflammation in chondrocytes <i>via</i> the NRF2/HO-1/NF-κB axis and ameliorates osteoarthritis in mice. Food and Function, 2020, 11, 10852-10863.	2.1	28
817	Xenobiotic transcription factors CncC and maf regulate expression of CYP321A16 and CYP332A1 that mediate chlorpyrifos resistance in Spodoptera exigua. Journal of Hazardous Materials, 2020, 398, 122971.	6.5	38
818	Treatment of dilated cardiomyopathy in a mouse model of Friedreich's ataxia using N-acetylcysteine and identification of alterations in microRNA expression that could be involved in its pathogenesis. Pharmacological Research, 2020, 159, 104994.	3.1	13
819	Effect of microcystin on the expression of Nrf2 and its downstream antioxidant genes from Cristaria plicata. Aquatic Toxicology, 2020, 225, 105526.	1.9	10
820	Activation of Nrf2/AREs-mediated antioxidant signalling, and suppression of profibrotic TGF-β1/Smad3 pathway: a promising therapeutic strategy for hepatic fibrosis — A review. Life Sciences, 2020, 256, 117909.	2.0	41
821	Overexpression of NRF1-742 or NRF1-772 Reduces Arsenic-Induced Cytotoxicity and Apoptosis in Human HaCaT Keratinocytes. International Journal of Molecular Sciences, 2020, 21, 2014.	1.8	5
822	The protective effect of hesperetin in osteoarthritis: an <i>in vitro</i> and <i>in vivo</i> study. Food and Function, 2020, 11, 2654-2666.	2.1	29
823	Oxidative Stress in Pulmonary Fibrosis. , 2020, 10, 509-547.		127
824	Activation of KEAP1/NRF2 stress signaling involved in the molecular basis of hemin-induced cytotoxicity in human pro-erythroid K562 cells. Biochemical Pharmacology, 2020, 175, 113900.	2.0	12

#	Article	IF	CITATIONS
825	Tannic acid ameliorates arsenic trioxide-induced nephrotoxicity, contribution of NF-κB and Nrf2 pathways. Biomedicine and Pharmacotherapy, 2020, 126, 110047.	2.5	42
826	Studies on the bioactivities and molecular mechanism of antioxidant peptides by 3D-QSAR, <i>in vitro</i> evaluation and molecular dynamic simulations. Food and Function, 2020, 11, 3043-3052.	2.1	29
827	Anti-Inflammatory Effects of Neochlorogenic Acid Extract from Mulberry Leaf (Morus alba L.) Against LPS-Stimulated Inflammatory Response through Mediating the AMPK/Nrf2 Signaling Pathway in A549 Cells. Molecules, 2020, 25, 1385.	1.7	54
828	Impact of Respiratory Syncytial Virus Infection on Host Functions: Implications for Antiviral Strategies. Physiological Reviews, 2020, 100, 1527-1594.	13.1	30
829	Crosstalk between NRF2 and Dicer through metastasis regulating MicroRNAs; mir-34a, mir-200 family and mir-103/107 family. Archives of Biochemistry and Biophysics, 2020, 686, 108326.	1.4	11
830	MS-222 induces biochemical and transcriptional changes related to oxidative stress, cell proliferation and apoptosis in zebrafish embryos. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 237, 108834.	1.3	12
831	Dysregulation of glutathione synthesis in liver disease. Liver Research, 2020, 4, 64-73.	0.5	33
832	Effects of high-fat diet on antioxidative status, apoptosis and inflammation in liver of tilapia (Oreochromis niloticus) via Nrf2, TLRs and JNK pathways. Fish and Shellfish Immunology, 2020, 104, 391-401.	1.6	65
833	Protective role of NRF2 in macrovascular complications of diabetes. Journal of Cellular and Molecular Medicine, 2020, 24, 8903-8917.	1.6	21
834	Cardiac Dysfunction after Burn Injury: Role of the AMPK-SIRT1-PGC1α-NFE2L2-ARE Pathway. Journal of the American College of Surgeons, 2020, 230, 562-571.	0.2	18
835	Protective effects of hesperidin against MTX-induced hepatotoxicity in male albino rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1405-1417.	1.4	22
836	The Antiaging Activity of Ergothioneine in UVA-Irradiated Human Dermal Fibroblasts via the Inhibition of the AP-1 Pathway and the Activation of Nrf2-Mediated Antioxidant Genes. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	37
837	Enhancing the Nrf2 Antioxidant Signaling Provides Protection Against Trichloroethene-mediated Inflammation and Autoimmune Response. Toxicological Sciences, 2020, 175, 64-74.	1.4	17
838	Zhibaidihuang Decoction Ameliorates Cell Oxidative Stress by Regulating the Keap1-Nrf2-ARE Signalling Pathway. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	3
839	The Secretion from Bone Marrow Mesenchymal Stem Cells Pretreated with Berberine Rescues Neurons with Oxidative Damage Through Activation of the Keap1-Nrf2-HO-1 Signaling Pathway. Neurotoxicity Research, 2020, 38, 59-73.	1.3	33
840	Inconsistently impairment of immune function and structural integrity of head kidney and spleen by vitamin A deficiency in grass carp (Ctenopharyngodon idella). Fish and Shellfish Immunology, 2020, 99, 243-256.	1.6	14
841	Mono-(2-ethylhexyl) phthalate induces oxidative stress and lipid accumulation in zebrafish liver cells. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 230, 108704.	1.3	32
842	Maternal curcumin supplementation ameliorates placental function and fetal growth in mice with intrauterine growth retardationâ€. Biology of Reproduction, 2020, 102, 1090-1101.	1.2	20

#	Article	IF	CITATIONS
843	Effects of dietary vitamin E on growth, immunity and oxidation resistance related to the Nrf2/Keap1 signalling pathway in juvenile Sillago sihama. Animal Feed Science and Technology, 2020, 262, 114403.	1.1	23
844	Curcumin Protects Human Trophoblast HTR8/SVneo Cells from H2O2-Induced Oxidative Stress by Activating Nrf2 Signaling Pathway. Antioxidants, 2020, 9, 121.	2.2	32
845	<i>Lonicera caerulea</i> L. Polyphenols Alleviate Oxidative Stressâ€Induced Intestinal Environment Imbalance and Lipopolysaccharideâ€Induced Liver Injury in HFDâ€Fed Rats by Regulating the Nrf2/HOâ€1/NQO1 and MAPK Pathways. Molecular Nutrition and Food Research, 2020, 64, e1901315.	1.5	56
846	Glycomacropeptide Prevents Iron/Ascorbate-Induced Oxidative Stress, Inflammation and Insulin Sensitivity with an Impact on Lipoprotein Production in Intestinal Caco-2/15 Cells. Nutrients, 2020, 12, 1175.	1.7	13
847	Effects of Mycoplasmas on the Host Cell Signaling Pathways. Pathogens, 2020, 9, 308.	1.2	16
848	Particulate Matter Toxicity Is Nrf2 and Mitochondria Dependent: The Roles of Metals and Polycyclic Aromatic Hydrocarbons. Chemical Research in Toxicology, 2020, 33, 1110-1120.	1.7	78
849	<i>Cratoxylum formosum</i> dyer extract alleviates testicular damage in hypertensive rats. Andrologia, 2021, 53, e13917.	1.0	1
850	High dietary starch impairs intestinal health and microbiota of largemouth bass, Micropterus salmoides. Aquaculture, 2021, 534, 736261.	1.7	73
851	Methylmercury cytotoxicity and possible mechanisms in human trophoblastic HTR-8/SVneo cells. Ecotoxicology and Environmental Safety, 2021, 207, 111520.	2.9	16
852	Carveol a Naturally-Derived Potent and Emerging Nrf2 Activator Protects Against Acetaminophen-Induced Hepatotoxicity. Frontiers in Pharmacology, 2020, 11, 621538.	1.6	11
853	The effect of dietary phytochemicals on nuclear factor erythroid 2-related factor 2 (Nrf2) activation: a systematic review of human intervention trials. Molecular Biology Reports, 2021, 48, 1745-1761.	1.0	33
854	The Multifaced Actions of Curcumin in Pregnancy Outcome. Antioxidants, 2021, 10, 126.	2.2	42
855	Aging of the sensory systems: hearing and vision disorders. , 2021, , 297-321.		2
856	The Keap1-Nrf2 Signaling Pathway in Lung Cancer. , 2021, , 661-682.		0
857	Changes in Glutathione Content in Liver Diseases: An Update. Antioxidants, 2021, 10, 364.	2.2	95
858	Brazilin prevents against myocardial ischemia-reperfusion injury through the modulation of Nrf2 via the PKC signaling pathway. Annals of Translational Medicine, 2021, 9, 312-312.	0.7	10
859	Hydrogen peroxide–induced oxidative stress impairs redox status and damages aerobic metabolism of breast muscle in broilers. Poultry Science, 2021, 100, 918-925.	1.5	21
860	Dihydromyricetin reverses MRP2-induced multidrug resistance by preventing NF-ήB-Nrf2 signaling in colorectal cancer cell. Phytomedicine, 2021, 82, 153414.	2.3	25

#	Article	IF	CITATIONS
861	Magnesium Isoglycyrrhizinate Alleviates Arsenic Trioxide-Induced Cardiotoxicity: Contribution of Nrf2 and TLR4/NF-κB Signaling Pathway. Drug Design, Development and Therapy, 2021, Volume 15, 543-556.	2.0	18
862	Hepatocytes Cultured on Collagen Modified Micropatterned Agarose for Evaluating Inflammatory and Oxidative Stress Responses. Applied in Vitro Toxicology, 2021, 7, 4-13.	0.6	Ο
863	Favourable effects of whey protein upon acetic acid-induced ulcerative colitis in rat model. Archives of Medical Science, 2021, , .	0.4	0
864	Ameliorative effect of trigonelline in restraint stress-induced behavioral alterations in mice. Journal of Applied Pharmaceutical Science, 0, , .	0.7	1
865	Rhodiola rosea L. Attenuates Cigarette Smoke and Lipopolysaccharide-Induced COPD in Rats via Inflammation Inhibition and Antioxidant and Antifibrosis Pathways. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-18.	0.5	3
866	Moringa oleifera leaf fractions attenuated Naje haje venom-induced cellular dysfunctions via modulation of Nrf2 and inflammatory signalling pathways in rats. Biochemistry and Biophysics Reports, 2021, 25, 100890.	0.7	6
867	Intersections Between Mitochondrial Metabolism and Redox Biology Mediate Posttraumatic Osteoarthritis. Current Rheumatology Reports, 2021, 23, 32.	2.1	4
868	Association of Nuclear Factor Erythroid-2-Related Actor 2 Gene Polymorphisms with Diabetic Nephropathy in Chinese Patients. International Journal of General Medicine, 2021, Volume 14, 1231-1237.	0.8	4
869	Cerium Oxide Nanoparticles: A New Therapeutic Tool in Liver Diseases. Antioxidants, 2021, 10, 660.	2.2	41
870	The impaired redox status and activated nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway in wooden breast myopathy in broiler chickens. Animal Bioscience, 2021, 34, 652-661.	0.8	13
871	Xanthohumol suppresses inflammation in chondrocytes and ameliorates osteoarthritis in mice. Biomedicine and Pharmacotherapy, 2021, 137, 111238.	2.5	24
872	Effects of resveratrol on growth, antioxidative status and immune response of snakehead fish () Tj ETQq1 1 0.78	4314 rgBT 1.1	/gverlock 10
873	Redox-sensitive Nrf2 and MAPK signaling pathways contribute to trichloroethene-mediated autoimmune disease progression. Toxicology, 2021, 457, 152804.	2.0	14
874	Novel iodinated quinazolinones bearing sulfonamide as new scaffold targeting radiation induced oxidative stress. Bioorganic and Medicinal Chemistry Letters, 2021, 42, 128002.	1.0	6
875	Effects of dietary curcumin inhibit deltamethrin-induced oxidative stress, inflammation and cell apoptosis in Channa argus via Nrf2 and NF-κB signaling pathways. Aquaculture, 2021, 540, 736744.	1.7	34
876	Therapeutic hypothermia effect on asphyxial cardiac arrest‑induced renal ischemia/reperfusion injury via change of Nrf2/HO‑1 levels. Experimental and Therapeutic Medicine, 2021, 22, 1031.	0.8	5
877	Recent Progress in Environmental Toxins-Induced Cardiotoxicity and Protective Potential of Natural Products. Frontiers in Pharmacology, 2021, 12, 699193.	1.6	8
878	Interactions between reactive oxygen species and autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119041.	1.9	42

#	Article	IF	CITATIONS
879	The combination of sesamol and clofibric acid moieties leads to a novel potent hypolipidemic agent with antioxidant, anti-inflammatory and hepatoprotective activity. Bioorganic and Medicinal Chemistry Letters, 2021, 44, 128121.	1.0	5
880	Methods to evaluate the toxicity of engineered nanomaterials for biomedical applications: a review. Environmental Chemistry Letters, 2021, 19, 4253-4274.	8.3	26
881	Isoeucommin A attenuates kidney injury in diabetic nephropathy through the Nrf2/HOâ€1 pathway. FEBS Open Bio, 2021, 11, 2350-2363.	1.0	6
882	Role of NRF2 in immune modulator expression in developing lung. FASEB Journal, 2021, 35, e21758.	0.2	3
883	Anthocyaninâ€rich fraction from black rice, Oryza sativa L. var. indica "Luem Pua,―bran extract attenuates kidney injury induced by highâ€fat diet involving oxidative stress and apoptosis in obese rats. Phytotherapy Research, 2021, 35, 5189-5202.	2.8	6
884	Antioxidant Mechanisms of the Oligopeptides (FWKVV and FMPLH) from Muscle Hydrolysate of Miiuy Croaker against Oxidative Damage of HUVECs. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	12
885	NF-E2-Related Factor 2 (Nrf2) Ameliorates Radiation-Induced Skin Injury. Frontiers in Oncology, 2021, 11, 680058.	1.3	6
886	Inhibiting HDAC3 (Histone Deacetylase 3) Aberration and the Resultant Nrf2 (Nuclear Factor) Tj ETQq1 1 0.7843 e15-e25.	14 rgBT /( 1.3	Overlock 10 9
887	Nrf2 induces Ucp1 expression in adipocytes in response to β3-AR stimulation and enhances oxygen consumption in high-fat diet-fed obese mice. BMB Reports, 2021, 54, 419-424.	1.1	13
889	Upregulation of Nrf2 Attenuates Oxidative Stress–Induced, Complement Activation–Associated Endothelial Injury and Apoptosis in Transplant-Associated Thrombotic Microangiopathy. Transplantation and Cellular Therapy, 2021, 27, 758.e1-758.e8.	0.6	5
890	Phytotherapeutics Attenuation of Oxidative Stress, Inflammation and Lipid Peroxidation in Severe and Chronic Diseases. , 0, , .		0
891	Protective effects of Nrf2 against sepsis-induced hepatic injury. Life Sciences, 2021, 282, 119807.	2.0	4
892	Brown marine algae Gongolaria baccata extract protects Caco-2Âcells from oxidative stress induced by tert-butyl hydroperoxide. Food and Chemical Toxicology, 2021, 156, 112460.	1.8	12
893	Mangiferin mitigates di-(2-ethylhexyl) phthalate-induced testicular injury in rats by modulating oxidative stress-mediated signals, inflammatory cascades, apoptotic pathways, and steroidogenesis. Archives of Biochemistry and Biophysics, 2021, 711, 108982.	1.4	8
894	Alterations on growth performance, antioxidant responses and lipid metabolism in liver for juvenile hybrid grouper (♀ Epinephelus fuscoguttatus × â™, Epinephelus lanceolatus) fed dietary vitamin E. Aquaculture Reports, 2021, 21, 100862.	0.7	6
895	Ginkgo biloba extract (EGb 761) mitigates methotrexate-induced testicular insult in rats: Targeting oxidative stress, energy deficit and spermatogenesis. Biomedicine and Pharmacotherapy, 2021, 143, 112201.	2.5	16
896	Tabebuia rosea (Bertol.) DC. ethanol extract attenuates body weight gain by activation of molecular mediators associated with browning. Journal of Functional Foods, 2021, 86, 104740.	1.6	2
897	Azoxystrobin increases the infection of spring viraemia of carp virus in fish. Chemosphere, 2021, 285, 131465.	4.2	5

#	Article	IF	CITATIONS
898	Patulin activates the NRF2 pathway by modulation of miR-144 expression in HEK293 cells. Mycotoxin Research, 2021, 37, 97-103.	1.3	4
899	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
900	Podocytes are new cellular targets of haemoglobinâ€nediated renal damage. Journal of Pathology, 2018, 244, 296-310.	2.1	53
901	Pulmonary Arterial Hypertension and Oxidative Stress. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 259-325.	0.4	1
902	Glutathione Metabolism and Its Contribution to Antiapoptotic Properties of $\hat{1}\pm$ -Crystallins in the Retina. , 2012, , 181-201.		2
903	What Is Lipotoxicity?. Advances in Experimental Medicine and Biology, 2017, 960, 197-220.	0.8	177
904	Respiratory Syncytial Virus-Induced Oxidative Stress in Lung Pathogenesis. , 2020, , 297-330.		8
905	P38 MAPK and Nrf2 Activation Mediated Naked Gold Nanoparticle Induced Heme Oxygenase-1 Expression in Rat Aortic Vascular Smooth Muscle Cells. Archives of Medical Research, 2020, 51, 388-396.	1.5	20
906	Diabetic retinopathy pathogenesis and the ameliorating effects of melatonin; involvement of autophagy, inflammation and oxidative stress. Life Sciences, 2018, 193, 20-33.	2.0	210
907	The effect of different concentrations of gold nanoparticles on growth performance, toxicopathological and immunological parameters of broiler chickens. Bioscience Reports, 2020, 40, .	1.1	33
908	Nrf2-Mediated Antioxidant Activity of the inner bark extracts obtained from Tabebuia rosea (Bertol) DC and Tabebuia chrysantha (JACQ) G. Nicholson F1000Research, 2018, 7, 1937.	0.8	8
909	Activation of the Keap1-Nrf2 pathway by specioside and the n-butanol extract from the inner bark of Tabebuia rosea (Bertol) DC. F1000Research, 2020, 9, 1262.	0.8	1
910	The Role of bZIP Transcription Factors in Green Plant Evolution: Adaptive Features Emerging from Four Founder Genes. PLoS ONE, 2008, 3, e2944.	1.1	251
911	Transient Alteration of Cellular Redox Buffering before Irradiation Triggers Apoptosis in Head and Neck Carcinoma Stem and Non-Stem Cells. PLoS ONE, 2011, 6, e14558.	1.1	48
912	Mild Hypothermia Attenuates Mitochondrial Oxidative Stress by Protecting Respiratory Enzymes and Upregulating MnSOD in a Pig Model of Cardiac Arrest. PLoS ONE, 2012, 7, e35313.	1.1	60
913	Suppression of the Nrf2-Dependent Antioxidant Response by Glucocorticoids and 11β-HSD1-Mediated Glucocorticoid Activation in Hepatic Cells. PLoS ONE, 2012, 7, e36774.	1.1	74
914	Lipopolysaccharide-Induced Weakness in the Preterm Diaphragm Is Associated with Mitochondrial Electron Transport Chain Dysfunction and Oxidative Stress. PLoS ONE, 2013, 8, e73457.	1.1	19
915	Antagonism of proteasome inhibitor-induced heme oxygenase-1 expression by PINK1 mutation. PLoS ONE, 2017, 12, e0183076.	1.1	12

#	Article	IF	Citations
916	Upregulation of Carbonyl Reductase 1 by Nrf2 as a Potential Therapeutic Intervention for Ischemia/ Reperfusion Injury during Liver Transplantation. Molecules and Cells, 2019, 42, 672-685.	1.0	7
917	KMS99220 Exerts Anti-Inflammatory Effects, Activates the Nrf2 Signaling and Interferes with IKK, JNK and p38 MAPK via HO-1. Molecules and Cells, 2019, 42, 702-710.	1.0	10
918	A novel therapy, using Ghrelin with pegylated G-CSF, inhibits brain hemorrhage from ionizing radiation or combined radiation injury. Pharmacy & Pharmacology International Journal, 2019, 7, 133-145.	0.1	11
919	The ASK1-Signalosome regulates p38 MAPK activity in response to levels of endogenous oxidative stress in the Klotho mouse models of aging. Aging, 2010, 2, 597-611.	1.4	100
920	Zinc-induced protective effect for testicular ischemia-reperfusion injury by promoting antioxidation via microRNA-101-3p/Nrf2 pathway. Aging, 2019, 11, 9295-9309.	1.4	18
921	NRF2 promotes breast cancer cell proliferation and metastasis by increasing RhoA/ROCK pathway signal transduction. Oncotarget, 2016, 7, 73593-73606.	0.8	101
922	Geraniin attenuates LPS-induced acute lung injury via inhibiting NF-κB and activating Nrf2 signaling pathways. Oncotarget, 2017, 8, 22835-22841.	0.8	39
923	Antagonistic effects of lycopene on cadmium-induced hippocampal dysfunctions in autophagy, calcium homeostatis and redox. Oncotarget, 2017, 8, 44720-44731.	0.8	29
924	miR-504 mediated down-regulation of nuclear respiratory factor 1 leads to radio-resistance in nasopharyngeal carcinoma. Oncotarget, 2015, 6, 15995-16018.	0.8	50
925	Cytochrome P450S and Alcoholic Liver Disease. Current Pharmaceutical Design, 2018, 24, 1502-1517.	0.9	76
926	Tangeretin protects renal tubular epithelial cells against experimental cisplatin toxicity. Iranian Journal of Basic Medical Sciences, 2019, 22, 179-186.	1.0	18
927	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
928	PYP1‑4 peptide from Pyropia yezoensis protects against acetaminophen‑induced hepatotoxicity in HepG2 cells. Experimental and Therapeutic Medicine, 2020, 19, 849-860.	0.8	4
929	Antioxidant System in Adaptation to Intermittent Hypoxia. Journal of Biological Sciences, 2010, 10, 545-554.	0.1	21
930	Protopanaxatriol Ginsenoside Rh1 Upregulates Phase II Antioxidant Enzyme Gene Expression in Rat Primary Astrocytes: Involvement of MAP Kinases and Nrf2/ARE Signaling. Biomolecules and Therapeutics, 2016, 24, 33-39.	1.1	18
931	Galangin Activates the ERK/AKT-Driven Nrf2 Signaling Pathway to Increase the Level of Reduced Glutathione in Human Keratinocytes. Biomolecules and Therapeutics, 2017, 25, 427-433.	1.1	29
932	Lonchocarpine Increases Nrf2/ARE-Mediated Antioxidant Enzyme Expression by Modulating AMPK and MAPK Signaling in Brain Astrocytes. Biomolecules and Therapeutics, 2016, 24, 581-588.	1.1	39
933	Respiratory Viral Infections and Subversion of Cellular Antioxidant Defenses. Journal of Pharmacogenomics & Pharmacoproteomics, 2014, 05, .	0.2	64

#	ARTICLE	IF	CITATIONS
934	Characterization of a Rat Multi-Cell Type 3D-Liver Microtissue System. Journal of Tissue Science & Engineering, 2013, 04, .	0.2	1
935	Aged Garlic Extract Reduces ROS Production and Cell Death Induced by 6-Hydroxydopamine through Activation of the Nrf2-ARE Pathway in SH-SY5Y Cells. Pharmacology & Pharmacy, 2013, 04, 31-40.	0.2	12
936	Z α-1 antitrypsin deficiency and the endoplasmic reticulum stress response. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2010, 1, 94.	0.6	34
937	Regulation by Phloroglucinol of Nrf2/Maf-Mediated Expression of Antioxidant Enzymes and Inhibition of Osteoclastogenesis via the RANKL/RANK Signaling Pathway: In Silico study. Acta Informatica Medica, 2015, 23, 228.	0.5	7
938	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
939	Anti-fibrotic effects of L-2-oxothiazolidine-4-carboxylic acid via modulation of nuclear factor erythroid 2-related factor 2 in rats. BMB Reports, 2012, 45, 348-353.	1.1	9
940	Review of Nrf2-regulated genes induced in response to antioxidants. International Journal of Medical Research and Health Sciences, 2014, 3, 428.	0.1	5
941	Study of Imatinib Cardiotoxicity In Adult Male Rabbits. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2013, 6, 14-26.	0.1	2
942	Based on Activation of p62-Keap1-Nrf2 Pathway, Hesperidin Protects Arsenic-Trioxide-Induced Cardiotoxicity in Mice. Frontiers in Pharmacology, 2021, 12, 758670.	1.6	15
943	Effects of Bushen-Tiaojing-Fang on the pregnancy outcomes of infertile patients with repeated controlled ovarian stimulation. Scientific Reports, 2021, 11, 15233.	1.6	2
944	Soybean Seed Compounds as Natural Health Protectors. , 0, , .		0
945	Betulin Alleviates the Inflammatory Response in Mouse Chondrocytes and Ameliorates Osteoarthritis via AKT/Nrf2/HO-1/NF-ήB Axis. Frontiers in Pharmacology, 2021, 12, 754038.	1.6	16
946	Dietary α-lipoic acid can alleviate the bioaccumulation, oxidative stress, cell apoptosis, and inflammation induced by lead (Pb) in Channa argus. Fish and Shellfish Immunology, 2021, 119, 249-261.	1.6	27
947	Quinone Reductases. , 2010, , 207-218.		0
948	Antioxidant Induction of Gene Expression. , 2010, , 523-528.		1
950	Mitochondrial Antioxidants in Neuroprotection. Oxidative Stress and Disease, 2012, , 469-492.	0.3	0
951	Nitric Oxide Activates Signaling by c-Raf, MEK, p-JNK, p38 MAPK and p53 in Human Mesenchymal Stromal Cells inhibits their Osteogenic Differentiation by Blocking Expression of Runx2. Journal of Stem Cell Research & Therapy, 2014, 04, .	0.3	3
952	Role of Nuclear Factor Erythroid 2-Like 2 in the Induction of Cytochrome P450 2a5 in Vivo of Nonalcoholic Fatty Liver Disease. Journal of Diabetes & Metabolism, 2015, 06, .	0.2	0

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#	Article	IF	CITATIONS
954	- Retinoic Acid Signaling in Hematopoiesis and Immune Functions, and Options for Chemoprevention. , 2016, , 208-227.		0
955	The Evaluation of the Ameliorative Effect of Montelukast Against Arsenic Trioxide-Induced Cardiotoxicity in Rats. Jundishapur Journal of Natural Pharmaceutical Products, 2017, In Press, .	0.3	1
956	The Effects of Different Doses of HOE-642 for the Protection of Neuronal Mitochondrial Function after Cardiac Arrest in Rats. Advances in Clinical Medicine, 2018, 08, 238-246.	0.0	0
957	Regulatory Pathway of Ion-Transporter Genes through Nrf2 Transcription Factor in Hypokalemic Condition. Anatomy & Biological Anthropology, 2019, 32, 141.	0.1	0
958	Effectiveness of Kampo Medicines Against Intractable Stomatitis: A Mini-Review. International Journal of Medical and Dental Sciences, 2019, 8, 1724-1727.	0.1	0
959	CAPE-pNO2 ameliorates diabetic brain injury through modulating Alzheimer's disease key proteins, oxidation, inflammation and autophagy via a Nrf2-dependent pathway. Life Sciences, 2021, 287, 119929.	2.0	3
961	Ziziphus spina-christi Leaf Extract Mitigates Mercuric Chloride-induced Cortical Damage in Rats. Combinatorial Chemistry and High Throughput Screening, 2021, 25, 103-113.	0.6	3
962	Triad role of hepcidin, ferroportin, and Nrf2 in cardiac iron metabolism: From health to disease. Journal of Trace Elements in Medicine and Biology, 2022, 69, 126882.	1.5	14
963	Aerobic exercises induce antioxidant pathways activation in rats. International Journal of Preventive Medicine, 2020, 11, 144.	0.2	3
964	Enzymatically synthesized glycogen prevents ultraviolet B-induced cell damage in normal human epidermal keratinocytes. Journal of Clinical Biochemistry and Nutrition, 2020, 67, 36-42.	0.6	6
965	An Extract of Young Olive Fruit Residues Attenuates Oxidative Stress in HaCaT Keratinocytes through the Ativation of Nrf2 Signaling. Journal of Oleo Science, 2020, 69, 719-726.	0.6	1
966	Activation of the Keap1-Nrf2 pathway by specioside and the n-butanol extract from the inner bark of Tabebuia rosea (Bertol) DC. F1000Research, 0, 9, 1262.	0.8	1
967	Prognostic and clinicopathological significance of NRF2 expression in non-small cell lung cancer: A meta-analysis. PLoS ONE, 2020, 15, e0241241.	1.1	10
968	Cloning and expression analysis of Keap1 of golden pompano (Trachinotus ovatus) and response to oxidized fish oil and LPS administration. Aquaculture Reports, 2020, 18, 100527.	0.7	1
972	Danshensu protects isolated heart against ischemia reperfusion injury through activation of Akt/ERK1/2/Nrf2 signaling. International Journal of Clinical and Experimental Medicine, 2015, 8, 14793-804.	1.3	42
973	Esculetin Inhibits Adipogenesis and Increases Antioxidant Activity during Adipocyte Differentiation in 3T3-L1 Cells. Preventive Nutrition and Food Science, 2017, 22, 118-123.	0.7	11
974	Oxysophocarpine inhibits lung injury induced by respiratory syncytial virus. American Journal of Translational Research (discontinued), 2017, 9, 4083-4093.	0.0	2
975	HOE-642 improves the protection of hypothermia on neuronal mitochondria after cardiac arrest in rats. American Journal of Translational Research (discontinued), 2020, 12, 2181-2191.	0.0	0

#	Article	IF	CITATIONS
976	Ulinastatin protects against acetaminophen-induced liver injury by alleviating ferroptosis via the SIRT1/NRF2/HO-1 pathway. American Journal of Translational Research (discontinued), 2021, 13, 6031-6042.	0.0	6
977	Ameliorate impacts of scopoletin against vancomycin-induced intoxication in rat model through modulation of Keap1-Nrf2/HO-1 and ll̂®B±-P65 NF-ήB/P38 MAPK signaling pathways: Molecular study, molecular docking evidence and network pharmacology analysis. International Immunopharmacology, 2022. 102. 108382.	1.7	15
978	Bisdemethoxycurcumin Protects Small Intestine from Lipopolysaccharide-Induced Mitochondrial Dysfunction via Activating Mitochondrial Antioxidant Systems and Mitochondrial Biogenesis in Broiler Chickens. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	9
979	Discovery of Therapeutic Candidates for Diabetic Retinopathy Based on Molecular Switch Analysis: Application of a Systematic Process. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-20.	1.9	6
980	Protective Effect of Berberine Chloride and Aerobic Training on Liver Nrf2/HO-1 Pathway and PPARÎ <sup>3</sup> in Streptozotocin-induced Diabetic Rats. Journal of Ardabil University of Medical Sciences, 2020, 20, 296-306.	0.1	0
981	Exposure to microplastics leads to a defective ovarian function and change in cytoskeleton protein expression in rat. Environmental Science and Pollution Research, 2022, 29, 34594-34606.	2.7	27
982	Melatonin prevents oxidative stress, inflammatory activity, and DNA damage in cirrhotic rats. World Journal of Gastroenterology, 2022, 28, 348-364.	1.4	8
983	Oral streptococci subvert the host innate immune response through hydrogen peroxide. Scientific Reports, 2022, 12, 656.	1.6	8
984	Transgenic Mouse Overexpressing Spermine Oxidase in Cerebrocortical Neurons: Astrocyte Dysfunction and Susceptibility to Epileptic Seizures. Biomolecules, 2022, 12, 204.	1.8	10
985	Glycine max (soy) based diet improves antioxidant defenses and prevents cell death in cadmium intoxicated lungs. BioMetals, 2022, 35, 229-244.	1.8	2
986	The Attenuation of Chronic Ulcerative Colitis by (R)-salbutamol in Repeated DSS-Induced Mice. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-20.	1.9	16
987	Oxidative stress and mitochondrial dysfunction following traumatic brain injury: From mechanistic view to targeted therapeutic opportunities. Fundamental and Clinical Pharmacology, 2022, 36, 612-662.	1.0	23
988	Silencing of Nrf2 in Litopenaeus vannamei, decreased the antioxidant capacity, and increased apoptosis and autophagy. Fish and Shellfish Immunology, 2022, 122, 257-267.	1.6	12
990	Hesperidin protects against cisplatin-induced cardiotoxicity in mice by regulating the p62–Keap1–Nrf2 pathway. Food and Function, 2022, 13, 4205-4215.	2.1	7
991	Effects of Peroxiredoxin 6 and Its Mutants on the Isoproterenol Induced Myocardial Injury in H9C2 Cells and Rats. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	1.9	6
992	Vitamin E amelioration of oxidative stress and low immunity induced by high-lipid diets in hybrid grouper (♀ Epinephelus fuscoguttatus × â™, E. lanceolatu). Fish and Shellfish Immunology, 2022, 124, 156-163.	1.6	10
993	Effects of particulate matter (PM2.5) on life history traits, oxidative stress, and defensome system in the marine copepod Tigriopus japonicus. Marine Pollution Bulletin, 2022, 178, 113588.	2.3	4
994	7-deacetyl-gedunin suppresses proliferation of Human rheumatoid arthritis synovial fibroblast through activation of Nrf2/ARE signaling. International Immunopharmacology, 2022, 107, 108557.	1.7	17

# 995	ARTICLE Nanogold Particles Suppresses 5-Flurouracil-Induced Renal Injury: An Insight into the Modulation of Nrf-2 and Its Downstream Targets, HO-1 and Î <sup>3</sup> -GCS. Molecules, 2021, 26, 7684.	IF 1.7	CITATIONS 8
996	LAMTOR5-AS1 regulates chemotherapy-induced oxidative stress by controlling the expression level and transcriptional activity of NRF2 in osteosarcoma cells. Cell Death and Disease, 2021, 12, 1125.	2.7	17
997	New Insight on the Immune Modulation and Physical Barrier Protection Caused by Vitamin A in Fish Gills Infected With Flavobacterium columnare. Frontiers in Immunology, 2022, 13, 833455.	2.2	2
998	Sulforaphane alleviates hypoxic vestibular vertigo (HVV) by increasing NO production via upregulating the expression of NRF2. Bioengineered, 2022, 13, 10351-10361.	1.4	1
1007	Animal models of male subfertility targeted on LanCL1-regulated spermatogenic redox homeostasis. Lab Animal, 2022, 51, 133-145.	0.2	2
1008	Development of customized inner beauty products and customized cosmetics apps according to the use of NRF2 through DTC genetic testing after the COVIDâ€19 pandemic. Journal of Cosmetic Dermatology, 2022, 21, 2288-2297.	0.8	6
1009	Dioscin Relieves Cisplatin-Induced Intestinal Toxicity by Mitigating Oxidative Stress and Inflammation. SSRN Electronic Journal, 0, , .	0.4	0
1010	Role of Nrf2 Signaling Cascade in Breast Cancer: Strategies and Treatment. Frontiers in Pharmacology, 2022, 13, 720076.	1.6	27
1011	Dual RNA Sequencing Reveals Key Events When Different Giardia Life Cycle Stages Interact With Human Intestinal Epithelial Cells In Vitro. Frontiers in Cellular and Infection Microbiology, 2022, 12, 862211.	1.8	5
1012	Effects of dietary non-starch polysaccharides level on the growth, intestinal flora and intestinal health of juvenile largemouth bass Micropterus salmoides. Aquaculture, 2022, 557, 738343.	1.7	18
1013	Intermittent Theta Burst Stimulation Ameliorates Cognitive Deficit and Attenuates Neuroinflammation via PI3K/Akt/mTOR Signaling Pathway in Alzheimer's-Like Disease Model. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	15
1014	Mechanism of glycometabolism regulation by bioactive compounds from the fruits of Lycium barbarum: A review. Food Research International, 2022, 159, 111408.	2.9	9
1015	Astragaloside <scp>IV</scp> improved antiâ€oxidative stress capacity and related genes expression of the <scp>Keap1â€Nrf2</scp> pathway in grass carp ( <i>Ctenopharyngodon idella</i> ) hepatocytes under heat stress. Journal of Fish Biology, 0, , .	0.7	1
1016	A review on the potential of underutilized Blackjack (Biden Pilosa) naturally occurring in sub-Saharan Africa. Heliyon, 2022, 8, e09586.	1.4	16
1017	XIAP as a multifaceted molecule in Cellular Signaling. Apoptosis: an International Journal on Programmed Cell Death, 2022, 27, 441-453.	2.2	21
1018	Can Berberine Serve as a New Therapy for Parkinson's Disease?. Neurotoxicity Research, 2022, 40, 1096-1102.	1.3	1
1019	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
1020	Diosgenin and Its Analogs: Potential Protective Agents Against Atherosclerosis. Drug Design, Development and Therapy, 0, Volume 16, 2305-2323.	2.0	10

#	Article	IF	CITATIONS
1021	Protective effect of Rhein against vancomycinâ€induced nephrotoxicity through regulating renal transporters and Nrf2 pathway. Phytotherapy Research, 2022, 36, 4244-4262.	2.8	3
1022	Nuclear factor erythroid 2-related factor 2 agonist protects retinal ganglion cells in glutamate excitotoxicity retinas. Biomedicine and Pharmacotherapy, 2022, 153, 113378.	2.5	4
1023	8-Oxypalmatine, a novel oxidative metabolite of palmatine, exhibits superior anti-colitis effect via regulating Nrf2 and NLRP3 inflammasome. Biomedicine and Pharmacotherapy, 2022, 153, 113335.	2.5	7
1024	The Involvement of Polyamines Catabolism in the Crosstalk between Neurons and Astrocytes in Neurodegeneration. Biomedicines, 2022, 10, 1756.	1.4	11
1025	Oxidative Stress in Tauopathies: From Cause to Therapy. Antioxidants, 2022, 11, 1421.	2.2	10
1026	Flos puerariae ameliorates the intestinal inflammation of Drosophila via modulating the Nrf2/Keap1, JAK-STAT and Wnt signaling. Frontiers in Pharmacology, 0, 13, .	1.6	5
1027	Antioxidant Therapy Significantly Attenuates Hepatotoxicity following Low Dose Exposure to Microcystin-LR in a Murine Model of Diet-Induced Non-Alcoholic Fatty Liver Disease. Antioxidants, 2022, 11, 1625.	2.2	6
1028	Cisplatin-Induced Kidney Toxicity: Potential Roles of Major NAD+-Dependent Enzymes and Plant-Derived Natural Products. Biomolecules, 2022, 12, 1078.	1.8	6
1029	Nrf2/p‑Fyn/ABCB1 axis accompanied by p‑Fyn nuclear accumulation plays pivotal roles in vinorelbine resistance in non‑small cell lung cancer. Oncology Reports, 2022, 48, .	1.2	2
1030	Dioscin ameliorates cisplatin-induced intestinal toxicity by mitigating oxidative stress and inflammation. International Immunopharmacology, 2022, 111, 109111.	1.7	3
1031	Anti-inflammatory and antioxidant activities of methanol extract of Piper betle Linn. (Piper betle L.) leaves and stems by inhibiting NF-I°B/MAPK/Nrf2 signaling pathways in RAW 264.7 macrophages. Biomedicine and Pharmacotherapy, 2022, 155, 113734.	2.5	15
1032	Mechanisms of 15-Epi-LXA4-Mediated HO-1 in Cytoprotection Following Inflammatory Injury. Journal of Surgical Research, 2023, 281, 245-255.	0.8	0
1033	Stress-Induced Premature Senescence Related to Oxidative Stress in the Developmental Programming of Nonalcoholic Fatty Liver Disease in a Rat Model of Intrauterine Growth Restriction. Antioxidants, 2022, 11, 1695.	2.2	3
1034	Trypsin inhibitor LH011 inhibited DSS-induced mice colitis via alleviating inflammation and oxidative stress. Frontiers in Pharmacology, 0, 13, .	1.6	4
1035	Isoalantolactone (IAL) Regulates Neuro-Inflammation and Neuronal Apoptosis to Curb Pathology of Parkinson's Disease. Cells, 2022, 11, 2927.	1.8	2
1036	Morroniside Protects Human Granulosa Cells against H2O2-Induced Oxidative Damage by Regulating the Nrf2 and MAPK Signaling Pathways. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	5
1037	The antioxidative capacities of <i>Lactobacillus</i> and its potential mechanisms <i>via</i> chemical and cellular assessments. International Journal of Food Science and Technology, 0, , .	1.3	0
1038	Assessing effects of guar gum viscosity on the growth, intestinal flora, and intestinal health of Micropterus salmoides. International Journal of Biological Macromolecules, 2022, 222, 1037-1047.	3.6	7

ARTICLE IF CITATIONS Influences of ferulic acid on intestinal digestive and antioxidant enzymes, immune, antioxidant gene and tight junction protein expression and microbiota in hybrid grouper (Épinephelus fuscoguttatusa™€Ã—) Tj ETQq070 0 rgBI /Overlock 1039 Expression and localization of NRF2/Keap1 signalling pathway genes in mouse preimplantation embryos exposed to free fatty acids. Gene Expression Patterns, 2022, 46, 119281. 1040 0.3 New insights in ferroptosis: Potential therapeutic targets for the treatment of ischemic stroke. 1041 1.6 6 Frontiers in Pharmacology, 0, 13, . Dietary curcumin supplementation relieves hydrogen peroxide-induced testicular injury by antioxidant 1042 0.9 and anti-apoptotic effects in roosters. Theriogenology, 2023, 197, 46-56. Hydro-ethanolic extract of Khaya grandifoliola attenuates heavy metals-induced hepato-renal injury 1043 0 1.4 in rats by reducing oxidative stress and metals-bioaccumulation. Heliyon, 2022, , e11685. Shared signaling pathways and targeted therapy by natural bioactive compounds for obesity and type 2 diabetes. Critical Reviews in Food Science and Nutrition, 0, , 1-18. 1045 5.4 MITOCHONDRIA-TARGETED ANTIOXIDANT SKQ1 REGULATES OF SIGNAL SYSTEM KEAP1/NRF2/ARE AND 1046 0 APOPTOSIS IN THE LEUKOCYTES OF BLOOD UNDER OXIDATIVE STRESS., 2022, 7, 608-612. 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 Pacific Journal of Cancer Prevention, 2022, 23, 3895-3903. 1047 Sulforaphane, an Nrf-2 Agonist, Modulates Oxidative Stress and Inflammation in a Rat Model of 1048 1.1 1 Cuprizone-Induced Cardiotoxicity and Hepatotoxicity. Cardiovascular Toxicology, 0, , . Kaempferol prevents acetaminophen-induced liver injury by suppressing hepatocyte ferroptosis 1049 2.1 <i>via</i> Nrf2 pathway activation. Food and Function, 2023, 14, 1884-1896. Molecular and Antioxidant Characterization of Opuntia robusta Fruit Extract and Its Protective 1050 2.2 4 Effect against Diclofenac-Induced Acute Liver Injury in an In Vivo Rat Model. Antioxidants, 2023, 12, 113. Preventive effect of quercetin-Loaded nanophytosome against autistic-like damage in maternal separation model: The possible role of Caspase-3, Bax/Bcl-2 and Nrf2. Behavioural Brain Research, 2023, 1.2 441, 114300. Dietary Supplementation of Sophora flavescens Root Extract Improved the Growth Performance, 1052 Antioxidant Capacity, Innate Immunity, and Disease Resistance against Edwardsiella tarda Challenge in 2.2 2

	Turbot (Scophthalmus maximus). Antioxidants, 2023, 12, 69.		
1053	Anmyungambi Decoction Ameliorates Obesity through Activation of Non-Shivering Thermogenesis in Brown and White Adipose Tissues. Antioxidants, 2023, 12, 49.	2.2	0
1054	Impact of Occupational Stress and Its Associated Factors on Cognitive, Hormonal and Stress Responsive Protein in Mining Based Industrial Workers. , 0, , .		0
1055	Activation of the <scp>CncC</scp> pathway is involved in the regulation of <scp>P450</scp> genes responsible for clothianidin resistance in <i>Bradysia odoriphaga</i> . Pest Management Science, 2023, 79, 3071-3079.	1.7	8
1056	High fructose-induced skeletal muscle insulin resistance could be alleviated by berberine via AMPD1 and ADSL. Food and Chemical Toxicology, 2023, 175, 113731.	1.8	0
1057	Comparative assessment of hepatoprotective properties of Artesunate and flavonoids from Artemisia annua on acetaminophen and carbon tetrachloride-induced cytotoxicity in primary mice hepatocytes. Metabolism Open, 2023, 18, 100241.	1.4	1

	CITATION I	ITATION REPORT	
#	Article	IF	CITATIONS
1058	Transcription factor CncC potentially regulates cytochrome P450 CYP321A1-mediated flavone tolerance in Helicoverpa armigera. Pesticide Biochemistry and Physiology, 2023, 191, 105360.	1.6	10
1059	Oxidative Stress and Inflammation in Acute and Chronic Lung Injuries. Antioxidants, 2023, 12, 548.	2.2	19
1060	Effects of cerium oxide on liver tissue in liver ischemia‑reperfusion injury in rats undergoing sevoflurane anesthesia. Experimental and Therapeutic Medicine, 2023, 25, .	0.8	0
1061	Polysaccharides-based nanocarriers enhance the anti-inflammatory effect of curcumin. Carbohydrate Polymers, 2023, 311, 120718.	5.1	17
1062	Effects of Fishmeal Replacement by Clostridium Autoethanogenum Protein Meal on Cholesterol Bile Acid Metabolism, Antioxidant Capacity, Hepatic and Intestinal Health of Pearl Gentian Grouper (Epinephelus Fuscoguttatus ♀ × Epinephelus Lanceolatus â™,). Animals, 2023, 13, 1090.	1.0	4
1063	A Histologic Study of Imatinib Cardiotoxicity in Adult Male Rats. Open Access Macedonian Journal of Medical Sciences, 2023, 11, 105-110.	0.1	0
1064	NRF2 Antioxidant Response and Interferon-Stimulated Genes Are Differentially Expressed in Respiratory-Syncytial-Virus- and Rhinovirus-Infected Hospitalized Children. Pathogens, 2023, 12, 577.	1.2	2
1065	A Comprehensive Review on Pharmacological Activities of Pachypodol: A Bioactive Compound of an Aromatic Medicinal Plant Pogostemon Cablin Benth. Molecules, 2023, 28, 3469.	1.7	4
1066	Study of the antioxidant capacity of astaxanthin in cells against radiation-induced strong oxidative stress. Aquaculture International, 0, , .	1.1	1
1075	Regulation of NRF2 signaling pathway and the hallmarks of aging: An overview. , 2023, , 29-41.		1

1091 Quinone Reductases., 2024,,.