

# CITATION REPORT

List of articles citing

**NRF2, a member of the NFE2 family of transcription factors, is not essential for murine erythropoiesis, growth, and development**

**DOI: 10.1073/pnas.93.24.13943**

**Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 13943-8.**

**Source:** <https://exaly.com/paper-pdf/27113735/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
545	Nuclear Factors That Regulate Erythropoiesis. 62-85		1
544	Multiple regions of p45 NF-E2 are required for beta-globin gene expression in erythroid cells. <b>1997</b> , 25, 2509-15		43
543	The bZIP transcription factor LCR-F1 is essential for mesoderm formation in mouse development. <b>1997</b> , 11, 786-98		91
542	The world according to Maf. <b>1997</b> , 25, 2953-59		224
541	An Nrf2/small Maf heterodimer mediates the induction of phase II detoxifying enzyme genes through antioxidant response elements. <b>1997</b> , 236, 313-22		3062
540	Characterization of the hematopoietic transcription factor NF-E2 in primary murine megakaryocytes. <b>1998</b> , 273, 7572-8		59
539	Multivalent DNA binding complex generated by small Maf and Bach1 as a possible biochemical basis for beta-globin locus control region complex. <b>1998</b> , 273, 11783-90		155
538	Impaired megakaryopoiesis and behavioral defects in mafG-null mutant mice. <b>1998</b> , 12, 2164-74		88
537	Ablation of Nrf2 function does not increase the erythroid or megakaryocytic cell lineage dysfunction caused by p45 NF-E2 gene disruption. <b>1998</b> , 123, 376-9		34
536	Erythroid Maturation and Globin Gene Expression in Mice With Combined Deficiency of NF-E2 and Nrf-2. <b>1998</b> , 91, 3459-3466		55
535	Nrf2 is essential for protection against acute pulmonary injury in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 12731-6	11.5	498
534	The CNC basic leucine zipper factor, Nrf1, is essential for cell survival in response to oxidative stress-inducing agents. Role for Nrf1 in gamma-gcs(l) and gss expression in mouse fibroblasts. <b>1999</b> , 274, 37491-8		135
533	Characterization of the murine mafF gene. <b>1999</b> , 274, 21162-9		46
532	Identification of NRF2, a member of the NF-E2 family of transcription factors, as a substrate for caspase-3(-like) proteases. <b>1999</b> , 6, 865-72		47
531	Regulation of gene expression by reactive oxygen. <b>1999</b> , 39, 67-101		893
530	Regulatory mechanisms of cellular response to oxidative stress. <b>1999</b> , 31, 319-24		262
529	Impaired expression of glutathione synthetic enzyme genes in mice with targeted deletion of the Nrf2 basic-leucine zipper protein. <b>2000</b> , 1517, 19-26		242

528	Perinatal synthetic lethality and hematopoietic defects in compound mafG::mafK mutant mice. <b>2000</b> , 19, 1335-45	69
527	Antagonism between members of the CNC-bZIP family and the immediate-early protein IE2 of human cytomegalovirus. <b>2000</b> , 275, 12313-20	15
526	Loading of DNA-binding factors to an erythroid enhancer. <b>2000</b> , 20, 1993-2003	16
525	High sensitivity of Nrf2 knockout mice to acetaminophen hepatotoxicity associated with decreased expression of ARE-regulated drug metabolizing enzymes and antioxidant genes. <b>2001</b> , 59, 169-77	575
524	Role of Transcription Factor Nrf2 in the Induction of Hepatic Phase 2 and Antioxidative Enzymes in vivo by the Cancer Chemoprotective Agent, 3H-1, 2-Dithiole-3-thione. <b>2001</b> , 7, 135-145	292
523	Reduced oxidative-stress response in red blood cells from p45NFE2-deficient mice. <b>2001</b> , 97, 2151-8	44
522	Chapter 17 Role of NF-E2 related factors in oxidative stress. <b>2001</b> , 229-238	2
521	Nrf2-deficient female mice develop lupus-like autoimmune nephritis. <b>2001</b> , 60, 1343-53	272
520	Role of NRF2 in protection against hyperoxic lung injury in mice. <b>2002</b> , 26, 175-82	564
519	Regulatory motifs for CREB-binding protein and Nfe2l2 transcription factors in the upstream enhancer of the mitochondrial uncoupling protein 1 gene. <b>2002</b> , 277, 34589-600	71
518	Nrf2 transcription factor, a novel target of keratinocyte growth factor action which regulates gene expression and inflammation in the healing skin wound. <b>2002</b> , 22, 5492-505	314
517	The saga of leucine zippers continues: in response to oxidative stress. <b>2002</b> , 26, 161-3	17
516	Linkage analysis of susceptibility to hyperoxia. Nrf2 is a candidate gene. <b>2002</b> , 26, 42-51	157
515	Isolation and characterization of zebrafish NFE2. <b>2002</b> , 11, 91-8	21
514	DNA-dependent adenosine triphosphatase (helicase-like transcription factor) activates beta-globin transcription in K562 cells. <b>2002</b> , 99, 348-56	22
513	Enhanced expression of the transcription factor Nrf2 by cancer chemopreventive agents: role of antioxidant response element-like sequences in the nrf2 promoter. <b>2002</b> , 22, 2883-92	454
512	Head and neck cancer antigens recognized by the humoral immune system. <b>2002</b> , 294, 734-41	29
511	Integration and diversity of the regulatory network composed of Maf and CNC families of transcription factors. <b>2002</b> , 294, 1-12	370

510	Glutamate-cysteine ligase modifier subunit: mouse Gclm gene structure and regulation by agents that cause oxidative stress. <b>2002</b> , 63, 1739-54	91
509	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. <b>2002</b> , 7, 807-20	265
508	The human beta-globin locus control region. <b>2002</b> , 269, 1589-99	107
507	Nrf2, not the estrogen receptor, mediates catechol estrogen-induced activation of the antioxidant responsive element. <b>2003</b> , 1629, 92-101	29
506	Inorganic phosphate as a signaling molecule in osteoblast differentiation. <b>2003</b> , 90, 234-43	230
505	Regulation of alpha1G T-type calcium channel gene (CACNA1G) expression during neuronal differentiation. <b>2003</b> , 17, 1802-10	22
504	Inorganic phosphate regulates multiple genes during osteoblast differentiation, including Nrf2. <b>2003</b> , 288, 288-300	155
503	Signal Transduction by Reactive Oxygen and Nitrogen Species: Pathways and Chemical Principles. <b>2003</b> ,	16
502	Nrf2 regulates thromboxane synthase gene expression in human lung cells. <b>2003</b> , 22, 479-87	12
501	Nrf1 is critical for redox balance and survival of liver cells during development. <b>2003</b> , 23, 4673-86	103
500	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. <b>2003</b> , 24, 461-7	145
499	Deficiency of the Nrf1 and Nrf2 transcription factors results in early embryonic lethality and severe oxidative stress. <b>2003</b> , 278, 48021-9	228
498	Identification of the NF-E2-related factor-2-dependent genes conferring protection against oxidative stress in primary cortical astrocytes using oligonucleotide microarray analysis. <b>2003</b> , 278, 12029-38	602
497	Nrf2 mediates the induction of ferritin H in response to xenobiotics and cancer chemopreventive dithiolethiones. <b>2003</b> , 278, 2361-9	175
496	Keap1-dependent proteasomal degradation of transcription factor Nrf2 contributes to the negative regulation of antioxidant response element-driven gene expression. <b>2003</b> , 278, 21592-600	806
495	Induction of cytoprotective genes through Nrf2/antioxidant response element pathway: a new therapeutic approach for the treatment of inflammatory diseases. <b>2004</b> , 10, 879-91	299
494	Transcription factor Nrf2 regulates inflammation by mediating the effect of 15-deoxy-Delta(12,14)-prostaglandin j(2). <b>2004</b> , 24, 36-45	349
493	In vitro and in vivo regulation of antioxidant response element-dependent gene expression by estrogens. <b>2004</b> , 145, 311-7	68

492	Regulation of antioxidant response element-dependent induction of detoxifying enzyme synthesis. <b>2004</b> , 378, 221-38	23
491	Nrf2 is essential for the chemopreventive efficacy of oltipraz against urinary bladder carcinogenesis. <b>2004</b> , 64, 6424-31	290
490	Targeted disruption of Nrf2 causes regenerative immune-mediated hemolytic anemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 9751-6	11.5 91
489	Complexity of CNC transcription factors as revealed by gene targeting of the Nrf3 locus. <b>2004</b> , 24, 3286-94	71
488	NADPH oxidase and ERK signaling regulates hyperoxia-induced Nrf2-ARE transcriptional response in pulmonary epithelial cells. <b>2004</b> , 279, 42302-12	137
487	Chemoprevention through the Keap1-Nrf2 signaling pathway by phase 2 enzyme inducers. <b>2004</b> , 555, 133-48	232
486	Nrf2 signaling in coordinated activation of antioxidant gene expression. <b>2004</b> , 36, 1199-207	962
485	Dietary chemopreventive compounds and ARE/EpRE signaling. <b>2004</b> , 36, 1505-16	194
484	Protection against electrophile and oxidative stress by induction of phase 2 genes: the quest for the elusive sensor that responds to inducers. <b>2004</b> , 44, 335-67	119
483	Nuclear factor E2-related factor 2-dependent antioxidant response element activation by tert-butylhydroquinone and sulforaphane occurring preferentially in astrocytes conditions neurons against oxidative insult. <b>2004</b> , 24, 1101-12	442
482	Induction of murine NAD(P)H:quinone oxidoreductase by 2,3,7,8-tetrachlorodibenzo-p-dioxin requires the CNC (cap 'n' collar) basic leucine zipper transcription factor Nrf2 (nuclear factor erythroid 2-related factor 2): cross-interaction between AhR (aryl hydrocarbon receptor) and Nrf2 signal transduction. <b>2004</b> , 377, 205-13	175
481	Genetic dissection of systemic autoimmune disease in Nrf2-deficient mice. <b>2004</b> , 18, 261-72	121
480	The story so far: Molecular regulation of the heme oxygenase-1 gene in renal injury. <b>2004</b> , 286, F425-41	192
479	Regulation of glutathione in inflammation and chronic lung diseases. <b>2005</b> , 579, 58-80	70
478	Comparison of (-)-epigallocatechin-3-gallate elicited liver and small intestine gene expression profiles between C57BL/6J mice and C57BL/6J/Nrf2 (-/-) mice. <b>2005</b> , 22, 1805-20	133
477	Differential responses of the Nrf2-Keap1 system to laminar and oscillatory shear stresses in endothelial cells. <b>2005</b> , 280, 27244-50	175
476	Induction of the Nrf2-driven antioxidant response confers neuroprotection during mitochondrial stress in vivo. <b>2005</b> , 280, 22925-36	216
475	Functional and placental expression analysis of the human NRF3 transcription factor. <b>2005</b> , 19, 125-37	34

474	Nrf2 Possesses a redox-insensitive nuclear export signal overlapping with the leucine zipper motif. <b>2005</b> , 280, 28430-8		68
473	Liver-specific inactivation of the Nrf1 gene in adult mouse leads to nonalcoholic steatohepatitis and hepatic neoplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 4120-5	11.5	213
472	Protection from mitochondrial complex II inhibition in vitro and in vivo by Nrf2-mediated transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 244-9	11.5	214
471	A small-molecule-inducible Nrf2-mediated antioxidant response provides effective prophylaxis against cerebral ischemia in vivo. <b>2005</b> , 25, 10321-35		348
470	Molecular mechanisms activating the Nrf2-Keap1 pathway of antioxidant gene regulation. <b>2005</b> , 7, 385-94		855
469	Mutant SOD1 alters the motor neuronal transcriptome: implications for familial ALS. <b>2005</b> , 128, 1686-706		148
468	Transcriptional regulation of NF-E2 p45-related factor (NRF2) expression by the aryl hydrocarbon receptor-xenobiotic response element signaling pathway: direct cross-talk between phase I and II drug-metabolizing enzymes. <b>2005</b> , 280, 20340-8		363
467	Nrf2 defends the lung from oxidative stress. <b>2006</b> , 8, 76-87		356
466	Multiorgan autoimmune inflammation, enhanced lymphoproliferation, and impaired homeostasis of reactive oxygen species in mice lacking the antioxidant-activated transcription factor Nrf2. <b>2006</b> , 168, 1960-74		192
465	Mechanistic studies of the Nrf2-Keap1 signaling pathway. <b>2006</b> , 38, 769-89		788
464	Oxidative stress in ALS: a mechanism of neurodegeneration and a therapeutic target. <b>2006</b> , 1762, 1051-67		305
463	Coordination of ER and oxidative stress signaling: the PERK/Nrf2 signaling pathway. <b>2006</b> , 38, 317-32		451
462	Identification of Nrf2-regulated genes induced by chemopreventive isothiocyanate PEITC by oligonucleotide microarray. <b>2006</b> , 79, 1944-55		105
461	Negative regulation of the Nrf1 transcription factor by its N-terminal domain is independent of Keap1: Nrf1, but not Nrf2, is targeted to the endoplasmic reticulum. <b>2006</b> , 399, 373-85		96
460	Neuronal sensitivity to kainic acid is dependent on the Nrf2-mediated actions of the antioxidant response element. <b>2006</b> , 98, 1852-65		85
459	Dopamine activates Nrf2-regulated neuroprotective pathways in astrocytes and meningeal cells. <b>2007</b> , 101, 109-19		42
458	Active defense under oxidative stress. The antioxidant responsive element. <b>2006</b> , 71, 962-74		70
457	Nrf2-Keap1 regulation of cellular defense mechanisms against electrophiles and reactive oxygen species. <b>2006</b> , 46, 113-40		641

456	Pharmacogenomics of phenolic antioxidant butylated hydroxyanisole (BHA) in the small intestine and liver of Nrf2 knockout and C57BL/6J mice. <b>2006</b> , 23, 2621-37		54
455	Endoplasmic reticulum stress in health and disease. <b>2006</b> , 18, 444-52		337
454	Establishment and regulation of chromatin domains: mechanistic insights from studies of hemoglobin synthesis. <b>2006</b> , 81, 435-71		23
453	Low and high dose UVB regulation of transcription factor NF-E2-related factor 2. <b>2006</b> , 66, 8421-9		52
452	Nrf transcription factors in keratinocytes are essential for skin tumor prevention but not for wound healing. <b>2006</b> , 26, 3773-84		105
451	Accelerated ovarian failure induced by 4-vinyl cyclohexene diepoxide in Nrf2 null mice. <b>2006</b> , 26, 940-54		88
450	Modulation of nuclear factor E2-related factor 2-mediated gene expression in mice liver and small intestine by cancer chemopreventive agent curcumin. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 39-51	6.1	141
449	Phosphorylation of tyrosine 568 controls nuclear export of Nrf2. <b>2006</b> , 281, 12132-42		140
448	Plasticity in cell defence: access to and reactivity of critical protein residues and DNA response elements. <b>2006</b> , 209, 2337-43		4
447	Cystine/glutamate exchange modulates glutathione supply for neuroprotection from oxidative stress and cell proliferation. <b>2006</b> , 26, 10514-23		237
446	GSK-3beta acts upstream of Fyn kinase in regulation of nuclear export and degradation of NF-E2 related factor 2. <b>2007</b> , 282, 16502-10		349
445	The p65 isoform of Nrf1 is a dominant negative inhibitor of ARE-mediated transcription. <b>2007</b> , 282, 24670-8		53
444	Transcription factor Nrf2 protects the brain from damage produced by intracerebral hemorrhage. <b>2007</b> , 38, 3280-6		169
443	Emerging role of Nrf2 in protecting against hepatic and gastrointestinal disease. <b>2007</b> , 35, 459-73		222
442	Nuclear factor-E2-related factor-1 mediates ascorbic acid induction of osteonin expression via interaction with antioxidant-responsive element in bone cells. <b>2007</b> , 282, 22052-61		63
441	The NHB1 (N-terminal homology box 1) sequence in transcription factor Nrf1 is required to anchor it to the endoplasmic reticulum and also to enable its asparagine-glycosylation. <b>2007</b> , 408, 161-72		71
440	Cell survival responses to environmental stresses via the Keap1-Nrf2-ARE pathway. <b>2007</b> , 47, 89-116		2619
439	Nuclear factor E2 p45-related factor 2 negatively regulates chondrogenesis. <b>2007</b> , 40, 337-44		51

438	ERRbeta: a potent inhibitor of Nrf2 transcriptional activity. <b>2007</b> , 278, 52-62	37
437	The Nrf2-ARE pathway: A potential therapeutic target for neurodegenerative diseases. <b>2007</b> , 1302, 143-153	6
436	Vacuolar leukoencephalopathy with widespread astrogliosis in mice lacking transcription factor Nrf2. <b>2007</b> , 170, 2068-76	93
435	Functional polymorphisms in the transcription factor NRF2 in humans increase the risk of acute lung injury. <b>2007</b> , 21, 2237-46	279
434	Toxicogenomics of endoplasmic reticulum stress inducer tunicamycin in the small intestine and liver of Nrf2 knockout and C57BL/6J mice. <b>2007</b> , 168, 21-39	49
433	Glutamate is a determinant of cellular proliferation through modulation of nuclear factor E2 p45-related factor-2 expression in osteoblastic MC3T3-E1 cells. <b>2007</b> , 213, 105-14	12
432	Oxidative and electrophilic stress induces multidrug resistance-associated protein transporters via the nuclear factor-E2-related factor-2 transcriptional pathway. <b>2007</b> , 46, 1597-610	255
431	Transcriptional control of erythropoiesis: emerging mechanisms and principles. <b>2007</b> , 26, 6777-94	84
430	Electrophilic chemicals but not UV irradiation or reactive oxygen species activate Nrf2 in keratinocytes in vitro and in vivo. <b>2007</b> , 127, 646-53	39
429	Nrf2 gene deletion fails to alter psychostimulant-induced behavior or neurotoxicity. <b>2007</b> , 1127, 26-35	15
428	Nrf2-mediated protection against 6-hydroxydopamine. <b>2007</b> , 1144, 192-201	188
427	Shear stress stabilizes NF-E2-related factor 2 and induces antioxidant genes in endothelial cells: role of reactive oxygen/nitrogen species. <b>2007</b> , 42, 260-9	144
426	Investigation of the effect of a panel of model hepatotoxins on the Nrf2-Keap1 defence response pathway in CD-1 mice. <b>2008</b> , 243, 249-60	47
425	Direct and indirect antioxidant properties of inducers of cytoprotective proteins. <b>2008</b> , 52 Suppl 1, S128-38	199
424	Phosphorylation of Nrf2 in the transcription activation domain by casein kinase 2 (CK2) is critical for the nuclear translocation and transcription activation function of Nrf2 in IMR-32 neuroblastoma cells. <b>2008</b> , 22, 63-76	151
423	The Nrf2-Keap1 defence pathway: role in protection against drug-induced toxicity. <b>2008</b> , 246, 24-33	272
422	The Nrf2-ARE pathway: an indicator and modulator of oxidative stress in neurodegeneration. <b>2008</b> , 1147, 61-9	418
421	The role of Nrf2 in increased reactive oxygen species and DNA damage in prostate tumorigenesis. <b>2008</b> , 27, 4353-62	147



420	Selenium deficiency activates mouse liver Nrf2-ARE but vitamin E deficiency does not. <b>2008</b> , 44, 1617-23	70
419	Nrf2-induced antioxidant protection: a promising target to counteract ROS-mediated damage in neurodegenerative disease?. <b>2008</b> , 45, 1375-83	324
418	Dual roles of Nrf2 in cancer. <b>2008</b> , 58, 262-70	519
417	Epigenetic control of complex loci during erythropoiesis. <b>2008</b> , 82, 55-83	17
416	Small Maf proteins in mammalian gene control: mere dimerization partners or dynamic transcriptional regulators?. <b>2008</b> , 376, 913-25	117
415	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. <b>2008</b> , 477, 139-45	73
414	Function of reactive oxygen species during animal development: passive or active?. <b>2008</b> , 320, 1-11	247
413	Keap1/Nrf2 signaling regulates oxidative stress tolerance and lifespan in Drosophila. <b>2008</b> , 14, 76-85	442
412	Cell cycle regulation by oncogenic tyrosine kinases in myeloid neoplasias: from molecular redox mechanisms to health implications. <b>2008</b> , 10, 1813-48	47
411	Xenobiotic-activated receptors: from transcription to drug metabolism to disease. <b>2008</b> , 21, 1651-71	67
410	The cytoprotective Nrf2 transcription factor controls insulin receptor signaling in the regenerating liver. <b>2008</b> , 7, 874-8	35
409	Intracellular iron transport and storage: from molecular mechanisms to health implications. <b>2008</b> , 10, 997-1030	314
408	. <b>2009</b> ,	32
407	THE MOLECULAR, CELLULAR, AND GENETIC BASIS OF HEMOGLOBIN DISORDERS. 1-2	
406	Nrf2 activation enhances biliary excretion of sulfobromophthalein by inducing glutathione-S-transferase activity. <b>2009</b> , 109, 24-30	17
405	Induction of unfolded protein response during neuronal induction of rat bone marrow stromal cells and mouse embryonic stem cells. <b>2009</b> , 41, 440-52	48
404	Increased Nrf2 activation in livers from Keap1-knockdown mice increases expression of cytoprotective genes that detoxify electrophiles more than those that detoxify reactive oxygen species. <b>2009</b> , 108, 35-47	124
403	Introducing the "TCDD-inducible AhR-Nrf2 gene battery". <b>2009</b> , 111, 238-46	205

402	Altered disposition of acetaminophen in Nrf2-null and Keap1-knockdown mice. <b>2009</b> , 109, 31-40		69
401	Antioxidant-induced modification of INrf2 cysteine 151 and PKC-delta-mediated phosphorylation of Nrf2 serine 40 are both required for stabilization and nuclear translocation of Nrf2 and increased drug resistance. <b>2009</b> , 122, 4452-64		165
400	ANIT-induced intrahepatic cholestasis alters hepatobiliary transporter expression via Nrf2-dependent and independent signaling. <b>2009</b> , 108, 247-57		85
399	Redox regulation and its emerging roles in stem cells and stem-like cancer cells. <b>2009</b> , 11, 1107-22		82
398	Nrf2-mediated neuroprotection in the MPTP mouse model of Parkinson's disease: Critical role for the astrocyte. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 2933-8	11.5	454
397	Redox-Controlled Transcription Factors and Gene Expression. 245-270		4
396	The Nrf1 CNC/bZIP protein is a nuclear envelope-bound transcription factor that is activated by t-butyl hydroquinone but not by endoplasmic reticulum stressors. <b>2009</b> , 418, 293-310		54
395	Identification of topological determinants in the N-terminal domain of transcription factor Nrf1 that control its orientation in the endoplasmic reticulum membrane. <b>2010</b> , 430, 497-510		34
394	Cellular stress responses, the hormesis paradigm, and vitagenes: novel targets for therapeutic intervention in neurodegenerative disorders. <b>2010</b> , 13, 1763-811		434
393	Nrf2 signaling and cell survival. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 244, 37-42	4.6	289
392	Nrf2 the rescue: effects of the antioxidative/electrophilic response on the liver. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 244, 57-65	4.6	282
391	Knockout of the transcription factor NRF2 disrupts spermatogenesis in an age-dependent manner. <b>2010</b> , 49, 1368-79		132
390	Proteomic analysis of Nrf2 deficient transgenic mice reveals cellular defence and lipid metabolism as primary Nrf2-dependent pathways in the liver. <b>2010</b> , 73, 1612-31		118
389	Increased cell migration and plasticity in Nrf2-deficient cancer cell lines. <b>2010</b> , 29, 3703-14		73
388	Redox-dependent signaling system Nrf2/ARE in inflammation. <b>2010</b> , 44, 343-357		14
387	Jun and JunD-dependent functions in cell proliferation and stress response. <b>2010</b> , 17, 1409-19		38
386	Low-dose gamma-ray irradiation induces translocation of Nrf2 into nuclear in mouse macrophage RAW264.7 cells. <b>2010</b> , 51, 349-53		36
385	Nrf2 and NF-B and Their Concerted Modulation in Cancer Pathogenesis and Progression. <b>2010</b> , 2, 483-97		131

384	Nrf2 expression is regulated by epigenetic mechanisms in prostate cancer of TRAMP mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e8579	3.7	168
383	Regulation of notch1 signaling by nrf2: implications for tissue regeneration. <b>2010</b> , 3, ra52		151
382	Deficiency in the nuclear factor E2-related factor-2 transcription factor results in impaired adipogenesis and protects against diet-induced obesity. <b>2010</b> , 285, 9292-300		204
381	Regulation of Nrf2- and AP-1-mediated gene expression by epigallocatechin-3-gallate and sulforaphane in prostate of Nrf2-knockout or C57BL/6J mice and PC-3 AP-1 human prostate cancer cells. <b>2010</b> , 31, 1223-40		67
380	The keap1-nrf2 cellular defense pathway: mechanisms of regulation and role in protection against drug-induced toxicity. <b>2010</b> , 233-66		71
379	Use of transgenic mice in UDP-glucuronosyltransferase (UGT) studies. <b>2010</b> , 42, 123-31		7
378	The absence of the pro-antioxidant transcription factor Nrf2 exacerbates experimental autoimmune encephalomyelitis. <b>2010</b> , 114, 237-46		142
377	Ionizing radiation activates the Nrf2 antioxidant response. <b>2010</b> , 70, 8886-95		149
376	Genetic analysis of cytoprotective functions supported by graded expression of Keap1. <b>2010</b> , 30, 3016-26		156
375	Differential modulation of keratin expression by sulforaphane occurs via Nrf2-dependent and -independent pathways in skin epithelia. <b>2010</b> , 21, 4068-75		49
374	Transcription factor Nrf2 regulates SHP and lipogenic gene expression in hepatic lipid metabolism. <b>2010</b> , 299, G1211-21		135
373	Nrf2 signaling, a mechanism for cellular stress resistance in long-lived mice. <b>2010</b> , 30, 871-84		114
372	Cullins and cancer. <b>2010</b> , 1, 690-9		58
371	Targeted disruption of nuclear factor erythroid-derived 2-like 1 in osteoblasts reduces bone size and bone formation in mice. <b>2010</b> , 40, 100-10		49
370	Hyperoxia sensing: from molecular mechanisms to significance in disease. <b>2010</b> , 7, 239-54		83
369	Discovery of the negative regulator of Nrf2, Keap1: a historical overview. <b>2010</b> , 13, 1665-78		374
368	Transcription factor Nrf1 mediates the proteasome recovery pathway after proteasome inhibition in mammalian cells. <b>2010</b> , 38, 17-28		339
367	Redox control in mammalian embryo development. <b>2010</b> , 13, 833-75		96

366	The protective role of Nrf2 in streptozotocin-induced diabetic nephropathy. <b>2010</b> , 59, 850-60	317
365	Targeting glutathione by dimethylfumarate protects against experimental malaria by enhancing erythrocyte cell membrane scrambling. <b>2010</b> , 299, C791-804	30
364	Cystamine protects from 3-nitropropionic acid lesioning via induction of nf-e2 related factor 2 mediated transcription. <b>2010</b> , 224, 307-17	34
363	Fluvastatin protects vascular smooth muscle cells against oxidative stress through the Nrf2-dependent antioxidant pathway. <b>2010</b> , 213, 377-84	43
362	Stress-activated cap'n'collar transcription factors in aging and human disease. <b>2010</b> , 3, re3	530
361	Adverse Drug Reactions. <b>2010</b> ,	4
360	The Nrf2 transcription factor is a positive regulator of myeloid differentiation of acute myeloid leukemia cells. <b>2011</b> , 11, 317-29	48
359	Oncogene-induced Nrf2 transcription promotes ROS detoxification and tumorigenesis. <b>2011</b> , 475, 106-9	1458
358	Modulation of Oxidative Stress by Keap1/Nrf2 Signaling in Drosophila: Implications for Human Diseases. <b>2011</b> , 309-326	
357	Influence of HIF1 and NRF2 Signaling on AHR-Mediated Gene Expression, Toxicity, and Biological Functions. <b>2011</b> , 109-126	0
356	Survival Strategy and Disease Pathogenesis According to the Nrf2-Small Maf Heterodimer. <b>2011</b> , 63-82	
355	Induction of human fetal hemoglobin via the NRF2 antioxidant response signaling pathway. <b>2011</b> , 117, 5987-97	62
354	Nrf2 regulates ferroportin 1-mediated iron efflux and counteracts lipopolysaccharide-induced ferroportin 1 mRNA suppression in macrophages. <b>2011</b> , 508, 101-9	109
353	Impaired redox signaling and antioxidant gene expression in endothelial cells in diabetes: a role for mitochondria and the nuclear factor-E2-related factor 2-Kelch-like ECH-associated protein 1 defense pathway. <b>2011</b> , 14, 469-87	134
352	Basic principles and emerging concepts in the redox control of transcription factors. <b>2011</b> , 15, 2335-81	426
351	The Roles of Glutathione Peroxidases during Embryo Development. <b>2011</b> , 4, 12	74
350	Age-related retinopathy in NRF2-deficient mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e19456	3.7 196
349	Tissue-restricted expression of Nrf2 and its target genes in zebrafish with gene-specific variations in the induction profiles. <i>PLoS ONE</i> , <b>2011</b> , 6, e26884	3.7 47

348	TCF11 at the crossroads of oxidative stress and the ubiquitin proteasome system. <b>2011</b> , 10, 1200-7		17
347	Nrf2 and selenoproteins are essential for maintaining oxidative homeostasis in erythrocytes and protecting against hemolytic anemia. <b>2011</b> , 117, 986-96		44
346	Dietary diacetylene falcarindiol induces phase 2 drug-metabolizing enzymes and blocks carbon tetrachloride-induced hepatotoxicity in mice through suppression of lipid peroxidation. <b>2011</b> , 34, 371-8		29
345	Impact of Nrf2 on esophagus epithelium cornification. <b>2011</b> , 50, 1362-5		4
344	Nrf2 protects against 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced oxidative injury and steatohepatitis. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 122-35	4.6	57
343	Neuroprotective effect of Nrf2/ARE activators, CDDO ethylamide and CDDO trifluoroethylamide, in a mouse model of amyotrophic lateral sclerosis. <b>2011</b> , 51, 88-96		156
342	The cap'n'collar transcription factor Nrf2 mediates both intrinsic resistance to environmental stressors and an adaptive response elicited by chemopreventive agents that determines susceptibility to electrophilic xenobiotics. <b>2011</b> , 192, 37-45		38
341	NFE2L3 (NRF3): the Cinderella of the Cap'n'Collar transcription factors. <b>2011</b> , 68, 3337-48		62
340	Nrf2: control of sensitivity to carcinogens. <b>2011</b> , 85, 273-84		180
339	Carbon monoxide-activated Nrf2 pathway leads to protection against permanent focal cerebral ischemia. <b>2011</b> , 42, 2605-10		140
338	Deficiency of Nrf2 accelerates the effector phase of arthritis and aggravates joint disease. <b>2011</b> , 15, 889-901		79
337	Beneficial role of Nrf2 in regulating NADPH generation and consumption. <b>2011</b> , 123, 590-600		220
336	NF-E2-related factor 2 promotes atherosclerosis by effects on plasma lipoproteins and cholesterol transport that overshadow antioxidant protection. <b>2011</b> , 31, 58-66		115
335	Nrf2 induces interleukin-6 (IL-6) expression via an antioxidant response element within the IL-6 promoter. <b>2011</b> , 286, 4493-9		87
334	Basic leucine zipper protein Cnc-C is a substrate and transcriptional regulator of the Drosophila 26S proteasome. <b>2011</b> , 31, 897-909		46
333	The yin and yang of nrf2-regulated selenoproteins in carcinogenesis. <b>2012</b> , 2012, 486147		50
332	Elevated hepatic iron activates NF-E2-related factor 2-regulated pathway in a dietary iron overload mouse model. <b>2012</b> , 129, 74-85		23
331	Redox regulation by nuclear factor erythroid 2-related factor 2: gatekeeping for the basal and diabetes-induced expression of thioredoxin-interacting protein. <b>2012</b> , 82, 887-97		66

330	Molecular basis of electrophilic and oxidative defense: promises and perils of Nrf2. <b>2012</b> , 64, 1055-81		226
329	Transcription factor-mediated regulation of carboxylesterase enzymes in livers of mice. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1191-7	4	40
328	Nrf2 protects against diquat-induced liver and lung injury. <b>2012</b> , 46, 1220-9		32
327	Structural and functional characterization of Nrf2 degradation by the glycogen synthase kinase 3/ $\beta$ TrCP axis. <b>2012</b> , 32, 3486-99		217
326	Nrf2b, novel zebrafish paralog of oxidant-responsive transcription factor NF-E2-related factor 2 (NRF2). <b>2012</b> , 287, 4609-27		67
325	The Role of Sulfhydryl Reactivity of Small Molecules for the Activation of the KEAP1/NRF2 Pathway and the Heat Shock Response. <b>2012</b> , 2012, 606104		20
324	The Keap1-Nrf2 cell defense pathway--a promising therapeutic target?. <b>2012</b> , 63, 43-79		121
323	Genetic evidence of an evolutionarily conserved role for Nrf2 in the protection against oxidative stress. <b>2012</b> , 32, 4455-61		54
322	Role of Nrf2 in preventing ethanol-induced oxidative stress and lipid accumulation. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 262, 321-9	4.6	105
321	Coordinated regulation of hepatic phase I and II drug-metabolizing genes and transporters using AhR-, CAR-, PXR-, PPAR $\beta$ and Nrf2-null mice. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1366-79	4	185
320	Th2 skewing by activation of Nrf2 in CD4(+) T cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1630-7	5.3	80
319	Identification of UV-protective activators of nuclear factor erythroid-derived 2-related factor 2 (Nrf2) by combining a chemical library screen with computer-based virtual screening. <b>2012</b> , 287, 33001-13		23
318	Activation of the Nrf2-ARE pathway by siRNA knockdown of Keap1 reduces oxidative stress and provides partial protection from MPTP-mediated neurotoxicity. <b>2012</b> , 33, 272-9		78
317	Discovery of potent, novel Nrf2 inducers via quantum modeling, virtual screening, and in vitro experimental validation. <b>2012</b> , 80, 810-20		14
316	Amniotic fluid activates the nrf2/keap1 pathway to repair an epidermal barrier defect in utero. <b>2012</b> , 23, 1238-46		46
315	Nrf2 activation prevents cadmium-induced acute liver injury. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 263, 14-20	4.6	106
314	Nrf2 deficiency improves glucose tolerance in mice fed a high-fat diet. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 264, 305-14	4.6	58
313	The Nrf2-antioxidant response element pathway: a target for regulating energy metabolism. <b>2012</b> , 23, 1201-6		155

312	Nrf2: a potential target for new therapeutics in liver disease. <b>2012</b> , 92, 340-8	153
311	Analysis of the role of Nrf2 in the expression of liver proteins in mice using two-dimensional gel-based proteomics. <b>2012</b> , 64, 680-97	30
310	Genetic ablation of Nrf2/antioxidant response pathway in Alexander disease mice reduces hippocampal gliosis but does not impact survival. <i>PLoS ONE</i> , <b>2012</b> , 7, e37304	3.7 16
309	Anemia Caused by Oxidative Stress. <b>2012</b> ,	6
308	'Don't be so over-protective!'. <b>2012</b> , 4, 362-3	3
307	The NRF2-related interactome and regulome contain multifunctional proteins and fine-tuned autoregulatory loops. <b>2012</b> , 586, 1795-802	81
306	Histone deacetylase inhibition activates transcription factor Nrf2 and protects against cerebral ischemic damage. <b>2012</b> , 52, 928-36	138
305	Drug resistance associates with activation of Nrf2 in MCF-7/DOX cells, and wogonin reverses it by down-regulating Nrf2-mediated cellular defense response. <b>2013</b> , 52, 824-34	68
304	Induction of skin sensitization is augmented in Nrf2-deficient mice. <b>2013</b> , 87, 763-6	14
303	The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <b>2013</b> , 537, 31-8	45
302	Protective role of coenzyme Q10, riboflavin, niacin, selenium (CoRNS) and Emblica officinalis on cardiac abnormalities in experimental atherosclerosis. <b>2013</b> , 3, 313-318	3
301	Neurodegeneration from Drugs and Aging-Derived Free Radicals. <b>2013</b> , 237-310	2
300	The absence of macrophage Nrf2 promotes early atherogenesis. <b>2013</b> , 98, 107-15	66
299	The Nrf2 cell defence pathway: Keap1-dependent and -independent mechanisms of regulation. <b>2013</b> , 85, 705-17	713
298	The transcription factor NF-E2-related factor 2 (Nrf2): a protooncogene?. <b>2013</b> , 27, 414-23	141
297	Developmental role of nuclear factor E2-related factor 2 in mitigating methamphetamine fetal toxicity and postnatal neurodevelopmental deficits. <b>2013</b> , 65, 620-631	23
296	Deletion of Nrf2 impairs functional recovery, reduces clearance of myelin debris and decreases axonal remyelination after peripheral nerve injury. <b>2013</b> , 54, 329-38	33
295	Role of nrf2 in oxidative stress and toxicity. <b>2013</b> , 53, 401-26	2249

294	Nrf2 regulates haematopoietic stem cell function. <b>2013</b> , 15, 309-16		146
293	Upregulation of Nrf2 expression by human cytomegalovirus infection protects host cells from oxidative stress. <b>2013</b> , 94, 1658-1668		39
292	The predicted molecular weight of Nrf2: it is what it is not. <b>2013</b> , 18, 91-3		116
291	The Nrf2 activator, tBHQ, differentially affects early events following stimulation of Jurkat cells. <b>2013</b> , 136, 63-71		22
290	The membrane-topogenic vectorial behaviour of Nrf1 controls its post-translational modification and transactivation activity. <b>2013</b> , 3, 2006		27
289	Reductive stress linked to small HSPs, G6PD, and Nrf2 pathways in heart disease. <b>2013</b> , 18, 1114-27		79
288	Nrf2 participates in regulating maternal hepatic adaptations to pregnancy. <b>2013</b> , 126, 1618-25		11
287	Regulation of Drosophila metamorphosis by xenobiotic response regulators. <b>2013</b> , 9, e1003263		46
286	Myc-driven overgrowth requires unfolded protein response-mediated induction of autophagy and antioxidant responses in Drosophila melanogaster. <b>2013</b> , 9, e1003664		69
285	Tissue distribution, ontogeny, and chemical induction of aldo-keto reductases in mice. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1480-7	4	23
284	High dietary fat selectively increases catalase expression within cardiac mitochondria. <b>2013</b> , 288, 1979-90		103
283	Disruption of Nrf2 Synergizes with High Glucose to Cause Heightened Myocardial Oxidative Stress and Severe Cardiomyopathy in Diabetic Mice. <b>2012</b> , Suppl 7,		18
282	New Player on An Old Field; the Keap1/Nrf2 Pathway as a Target for Treatment of Type 2 Diabetes and Metabolic Syndrome. <b>2013</b> , 9, 137-145		1
281	Genetic activation of Nrf2 protects against fasting-induced oxidative stress in livers of mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e59122	3.7	56
280	Genomic structure and variation of nuclear factor (erythroid-derived 2)-like 2. <b>2013</b> , 2013, 286524		52
279	Nrf2 protection against liver injury produced by various hepatotoxicants. <b>2013</b> , 2013, 305861		108
278	Overexpression of Nrf2 protects against microcystin-induced hepatotoxicity in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e93013	3.7	20
277	Transcription factor Nrf1 is topologically repartitioned across membranes to enable target gene transactivation through its acidic glucose-responsive domains. <i>PLoS ONE</i> , <b>2014</b> , 9, e93458	3.7	31



276	The C-terminal domain of Nrf1 negatively regulates the full-length CNC-bZIP factor and its shorter isoform LCR-F1/Nrf1 both are also inhibited by the small dominant-negative Nrf1 Isoforms that down-regulate ARE-battery gene expression. <i>PLoS ONE</i> , <b>2014</b> , 9, e109159	3.7	16
275	Multiple roles of Nrf2-Keap1 signaling: regulation of development and xenobiotic response using distinct mechanisms. <b>2014</b> , 8, 7-12		19
274	Nrf2 deficiency impairs fracture healing in mice. <b>2014</b> , 95, 349-61		30
273	Impact of Oxidative Stress on Development. <b>2014</b> , 1-37		1
272	Noblesse oblige: NRF2 functions in the airways. <b>2014</b> , 50, 844-7		30
271	Interplay between nuclear factor erythroid 2-related factor 2 and amphiregulin during mechanical ventilation. <b>2014</b> , 51, 668-77		6
270	Cytoprotection "gone astray": Nrf2 and its role in cancer. <b>2014</b> , 7, 1497-518		50
269	Nrf2 knockout attenuates the anti-inflammatory effects of phenethyl isothiocyanate and curcumin. <b>2014</b> , 27, 2036-43		73
268	Amelioration of lipid profile and level of antioxidant activities by epigallocatechin-gallate in a rat model of atherogenesis. <b>2014</b> , 23, 1194-201		15
267	Nrf2-Target Approaches in Cancer Chemoprevention Mediated by Dietary Phytochemicals. <b>2014</b> , 53-83		2
266	Subcellular distribution and activity of mechanistic target of rapamycin in aged retinal pigment epithelium. <b>2014</b> , 55, 8638-50		24
265	Nrf2 augments skeletal muscle regeneration after ischaemia-reperfusion injury. <b>2014</b> , 234, 538-47		38
264	Altered behavioral development in Nrf2 knockout mice following early postnatal exposure to valproic acid. <b>2014</b> , 109, 132-42		21
263	T cells as a major source of IL-17 production during age-dependent RPE degeneration. <b>2014</b> , 55, 6580-9		24
262	The Nrf2 regulatory network provides an interface between redox and intermediary metabolism. <b>2014</b> , 39, 199-218		1157
261	Nrf2 promotes the development of fibrosis and tumorigenesis in mice with defective hepatic autophagy. <b>2014</b> , 61, 617-25		166
260	Natural product-derived pharmacological modulators of Nrf2/ARE pathway for chronic diseases. <b>2014</b> , 31, 109-39		232
259	Signalling pathways involved in paracetamol-induced hepatotoxicity: new insights on the role of protein tyrosine phosphatase 1B. <b>2014</b> , 120, 51-63		3

258	Epigenetic DNA methylation of antioxidative stress regulator NRF2 in human prostate cancer. <b>2014</b> , 7, 1186-97	50
257	Catalase overexpression prevents nuclear factor erythroid 2-related factor 2 stimulation of renal angiotensinogen gene expression, hypertension, and kidney injury in diabetic mice. <b>2014</b> , 63, 3483-96	34
256	Regulation of Nrf2-an update. <b>2014</b> , 66, 36-44	590
255	Cleaning up after ICH: the role of Nrf2 in modulating microglia function and hematoma clearance. <b>2015</b> , 133, 144-52	105
254	Nrf2 protects against TWEAK-mediated skeletal muscle wasting. <b>2014</b> , 4, 3625	16
253	The selective post-translational processing of transcription factor Nrf1 yields distinct isoforms that dictate its ability to differentially regulate gene expression. <b>2015</b> , 5, 12983	32
252	Expression profiling of the ubiquitin conjugating enzyme UbcM2 in murine brain reveals modest age-dependent decreases in specific neurons. <b>2015</b> , 16, 76	4
251	Role of Nrf2 in bone metabolism. <b>2015</b> , 22, 101	61
250	Pharmacological activation of Nrf2 pathway improves pancreatic islet isolation and transplantation. <b>2015</b> , 24, 2273-83	20
249	Keap1-Nrf2 pathway: A promising target towards lung cancer prevention and therapeutics. <b>2015</b> , 1, 175-186	27
248	Reactive Oxygen Species and Nuclear Factor Erythroid 2-Related Factor 2 Activation in Diabetic Nephropathy: A Hidden Target. <b>2015</b> , 6,	19
247	Emerging functional cross-talk between the Keap1-Nrf2 system and mitochondria. <b>2015</b> , 56, 91-7	91
246	Crosstalk between Nrf2 and Notch signaling. <b>2015</b> , 88, 158-167	66
245	Disruption of polyubiquitin gene Ubc leads to attenuated resistance against arsenite-induced toxicity in mouse embryonic fibroblasts. <b>2015</b> , 1853, 996-1009	22
244	Vehicular exhaust particles promote allergic airway inflammation through an aryl hydrocarbon receptor-notch signaling cascade. <b>2015</b> , 136, 441-53	65
243	Dimethyl fumarate and the oleanane triterpenoids, CDDO-imidazolide and CDDO-methyl ester, both activate the Nrf2 pathway but have opposite effects in the A/J model of lung carcinogenesis. <b>2015</b> , 36, 769-81	46
242	Dysregulation of Nrf2 Signaling in Diabetes: An Opportunity for a Multitarget Approach. <b>2015</b> , 06,	3
241	Dimethyl Fumarate Protects Brain From Damage Produced by Intracerebral Hemorrhage by Mechanism Involving Nrf2. <b>2015</b> , 46, 1923-8	77

240	Regulation of Ahr signaling by Nrf2 during development: Effects of Nrf2a deficiency on PCB126 embryotoxicity in zebrafish ( <i>Danio rerio</i> ). <b>2015</b> , 167, 157-71	40
239	Deletion of Nrf2 reduces skeletal mechanical properties and decreases load-driven bone formation. <b>2015</b> , 74, 1-9	38
238	Deficiency in Nrf2 transcription factor decreases adipose tissue mass and hepatic lipid accumulation in leptin-deficient mice. <b>2015</b> , 23, 335-44	27
237	Nrf2 is essential for timely M phase entry of replicating hepatocytes during liver regeneration. <b>2015</b> , 308, G262-8	24
236	Role of the Keap1/Nrf2 pathway in neurodegenerative diseases. <b>2015</b> , 65, 210-9	83
235	Cardioprotective effect of epigallocatechin-3-gallate against myocardial infarction in hypercholesterolemic rats. <b>2015</b> , 9, 405-410	23
234	Transcription factor Nrf1 is negatively regulated by its O-GlcNAcylation status. <b>2015</b> , 589, 2347-58	21
233	Functional polymorphisms in Nrf2: implications for human disease. <b>2015</b> , 88, 362-372	49
232	Nrf2 and Nrf2-related proteins in development and developmental toxicity: Insights from studies in zebrafish ( <i>Danio rerio</i> ). <b>2015</b> , 88, 275-289	55
231	Redox modulation of adipocyte differentiation: hypothesis of "Redox Chain" and novel insights into intervention of adipogenesis and obesity. <b>2015</b> , 89, 99-125	36
230	Mechanisms and functions of Nrf2 signaling in <i>Drosophila</i> . <b>2015</b> , 88, 302-313	55
229	Mechanisms of activation of the transcription factor Nrf2 by redox stressors, nutrient cues, and energy status and the pathways through which it attenuates degenerative disease. <b>2015</b> , 88, 108-146	483
228	Roles of Nrf2 in cell proliferation and differentiation. <b>2015</b> , 88, 168-178	149
227	The effect of Nrf2 knockout on ocular surface protection from acute tobacco smoke exposure: evidence from Nrf2 knockout mice. <b>2015</b> , 185, 776-85	15
226	Expression of xCT and activity of system xc(-) are regulated by NRF2 in human breast cancer cells in response to oxidative stress. <b>2015</b> , 5, 33-42	144
225	Activation of NRF2 pathway in spleen, thymus as well as peripheral blood mononuclear cells by acute arsenic exposure in mice. <b>2015</b> , 28, 1059-67	19
224	Effects of deletion of the transcription factor Nrf2 and benzo [a]pyrene treatment on ovarian follicles and ovarian surface epithelial cells in mice. <b>2015</b> , 58, 24-32	24
223	Cell signaling pathways involved in drug-mediated fetal hemoglobin induction: Strategies to treat sickle cell disease. <b>2015</b> , 240, 1050-64	16

222	Association of Nrf2 with airway pathogenesis: lessons learned from genetic mouse models. <b>2015</b> , 89, 1931-57		33
221	Association of Nrf2 polymorphism haplotypes with acute lung injury phenotypes in inbred strains of mice. <b>2015</b> , 22, 325-38		28
220	Protection against phalloidin-induced liver injury by oleanolic acid involves Nrf2 activation and suppression of Oatp1b2. <b>2015</b> , 232, 326-32		29
219	Dual roles of NRF2 in tumor prevention and progression: possible implications in cancer treatment. <b>2015</b> , 79, 292-9		111
218	Therapeutic targeting of GSK3 $\beta$ enhances the Nrf2 antioxidant response and confers hepatic cytoprotection in hepatitis C. <b>2015</b> , 64, 168-79		57
217	Oxidative Stress Induces Biphasic ERK1/2 Activation in the RPE with Distinct Effects on Cell Survival at Early and Late Activation. <b>2015</b> , 40, 853-7		24
216	Increased Alzheimer's disease-like pathology in the APP/ PS1 $\Delta$ E9 mouse model lacking Nrf2 through modulation of autophagy. <b>2015</b> , 36, 664-79		114
215	Nrf2 Is an Attractive Therapeutic Target for Retinal Diseases. <b>2016</b> , 2016, 7469326		41
214	Nuclear Factor Erythroid 2-Related Factor 2 Deficiency Results in Amplification of the Liver Fat-Lowering Effect of Estrogen. <b>2016</b> , 358, 14-21		10
213	Pitx2 promotes heart repair by activating the antioxidant response after cardiac injury. <b>2016</b> , 534, 119-23		157
212	Autocrine and Paracrine Regulation of Keratinocyte Proliferation through a Novel Nrf2-IL-36 $\beta$ Pathway. <i>Journal of Immunology</i> , <b>2016</b> , 196, 4663-70	5-3	11
211	Overactivation of the nuclear factor (erythroid-derived 2)-like 2-antioxidant response element pathway in hepatocytes decreases hepatic ischemia/reperfusion injury in mice. <b>2016</b> , 22, 91-102		18
210	Molecular and cellular basis for the unique functioning of Nrf1, an indispensable transcription factor for maintaining cell homeostasis and organ integrity. <b>2016</b> , 473, 961-1000		63
209	Role of Nrf2/HO-1 system in development, oxidative stress response and diseases: an evolutionarily conserved mechanism. <b>2016</b> , 73, 3221-47		1051
208	Overview on Oxidative Stress, Inflammation, Cancer Initiation/Progression, and How to Prevent Carcinogenesis/Cancer. <b>2016</b> , 26-43		
207	Reduced Nrf2 expression mediates the decline in neural stem cell function during a critical middle-age period. <b>2016</b> , 15, 725-36		54
206	Chemical characterization and antioxidant properties of Canadian propolis. <b>2016</b> , 55, 305-314		14
205	TALENs-directed knockout of the full-length transcription factor Nrf1 that represses malignant behaviour of human hepatocellular carcinoma (HepG2) cells. <b>2016</b> , 6, 23775		23

204	Deletion of Nrf2 leads to hepatic insulin resistance via the activation of NF- $\kappa$ B in mice fed a high-fat diet. <b>2016</b> , 14, 1323-31	26
203	Acute exercise stress promotes Ref1/Nrf2 signalling and increases mitochondrial antioxidant activity in skeletal muscle. <b>2016</b> , 101, 410-20	49
202	The Dual Roles of NRF2 in Cancer. <b>2016</b> , 22, 578-593	384
201	The NRF2 knockout rat: a new animal model to study endothelial dysfunction, oxidant stress, and microvascular rarefaction. <b>2016</b> , 310, H478-87	45
200	Myocardial transcription factors in diastolic dysfunction: clues for model systems and disease. <b>2016</b> , 21, 783-794	8
199	TAK1 Regulates the Nrf2 Antioxidant System Through Modulating p62/SQSTM1. <b>2016</b> , 25, 953-964	50
198	Repression of the Antioxidant NRF2 Pathway in Premature Aging. <b>2016</b> , 165, 1361-1374	275
197	Increased Energy Expenditure, Ucp1 Expression, and Resistance to Diet-induced Obesity in Mice Lacking Nuclear Factor-Erythroid-2-related Transcription Factor-2 (Nrf2). <b>2016</b> , 291, 7754-66	52
196	A small-molecule Nrf1 and Nrf2 activator mitigates polyglutamine toxicity in spinal and bulbar muscular atrophy. <b>2016</b> , 25, 1979-1989	34
195	Nrf2 Regulates the Sensitivity of Mouse Keratinocytes to Nitrogen Mustard via Multidrug Resistance-Associated Protein 1 (Mrp1). <b>2016</b> , 149, 202-12	15
194	NF- $\kappa$ B/RelA and Nrf2 cooperate to maintain hepatocyte integrity and to prevent development of hepatocellular adenoma. <b>2016</b> , 64, 94-102	23
193	Nuclear lamins and progerin are dispensable for antioxidant Nrf2 response to arsenic and cadmium. <b>2017</b> , 33, 69-78	7
192	Opposing effects of Nrf2 and Nrf2-activating compounds on the NLRP3 inflammasome independent of Nrf2-mediated gene expression. <b>2017</b> , 47, 806-817	39
191	Nrf2 and regulation of the antioxidant system in the Antarctic silverfish, <i>Pleuragramma antarctica</i> : Adaptation to environmental changes of pro-oxidant pressure. <b>2017</b> , 129, 1-13	13
190	The role of Nrf1 and Nrf2 in the regulation of glutathione and redox dynamics in the developing zebrafish embryo. <b>2017</b> , 13, 207-218	39
189	Contradictory roles of Nrf2/Keap1 signaling pathway in cancer prevention/promotion and chemoresistance. <b>2017</b> , 54, 13-21	45
188	Loss of Nrf2 promotes rapid progression to heart failure following myocardial infarction. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 327, 52-58	4.6 39
187	Nrf2-Dependent and -Independent Effects of $\alpha$ -Butylhydroquinone, CDDO-Im, and HO in Human Jurkat T Cells as Determined by CRISPR/Cas9 Gene Editing. <b>2017</b> , 361, 259-267	12

186	Essentiality of Regulator of G Protein Signaling 6 and Oxidized Ca/Calmodulin-Dependent Protein Kinase II in Notch Signaling and Cardiovascular Development. <b>2017</b> , 6,	6
185	miR-155 induces ROS generation through downregulation of antioxidation-related genes in mesenchymal stem cells. <b>2017</b> , 16, 1369-1380	34
184	A PGAM5-KEAP1-Nrf2 complex is required for stress-induced mitochondrial retrograde trafficking. <b>2017</b> , 130, 3467-3480	51
183	Defined Sensing Mechanisms and Signaling Pathways Contribute to the Global Inflammatory Gene Expression Output Elicited by Ionizing Radiation. <b>2017</b> , 47, 421-434.e3	30
182	Loss of Nrf2 promotes alveolar type 2 cell loss in irradiated, fibrotic lung. <b>2017</b> , 112, 578-586	16
181	Nrf2-Keap1 pathway promotes cell proliferation and diminishes ferroptosis. <b>2017</b> , 6, e371	225
180	Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. <b>2017</b> , 32, 824-839.e8	73
179	Nrf2 Mutagenic Activation Drives Hepatocarcinogenesis. <b>2017</b> , 77, 4797-4808	52
178	Redox Signaling and Its Impact on Skeletal and Vascular Responses to Spaceflight. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3 15
177	Conservation of the Keap1-Nrf2 System: An Evolutionary Journey through Stressful Space and Time. <b>2017</b> , 22,	85
176	Isoniazid induces apoptosis: Role of oxidative stress and inhibition of nuclear translocation of nuclear factor (erythroid-derived 2)-like 2 (Nrf2). <b>2018</b> , 199, 23-33	19
175	Nrf3 promotes UV-induced keratinocyte apoptosis through suppression of cell adhesion. <b>2018</b> , 25, 1749-1765	10
174	The redox-sensing gene affects intestinal homeostasis, insecticide resistance, and Zika virus susceptibility in the mosquito. <b>2018</b> , 293, 9053-9063	25
173	Nrf2 Deficiency Upregulates Intrarenal Angiotensin-Converting Enzyme-2 and Angiotensin 1-7 Receptor Expression and Attenuates Hypertension and Nephropathy in Diabetic Mice. <b>2018</b> , 159, 836-852	58
172	Kelch-like ECH-associated protein 1 (KEAP1) differentially regulates nuclear factor erythroid-2-related factors 1 and 2 (NRF1 and NRF2). <b>2018</b> , 293, 2029-2040	36
171	Heme oxygenase-1 affects generation and spontaneous cardiac differentiation of induced pluripotent stem cells. <b>2018</b> , 70, 129-142	12
170	Identification of an Unfavorable Immune Signature in Advanced Lung Tumors from Nrf2-Deficient Mice. <b>2018</b> , 29, 1535-1552	20
169	Diterpene ginkgolides protect against cerebral ischemia/reperfusion damage in rats by activating Nrf2 and CREB through PI3K/Akt signaling. <b>2018</b> , 39, 1259-1272	41

168	Redox stress and signaling during vertebrate embryonic development: Regulation and responses. <b>2018</b> , 80, 17-28		34
167	Differential effects of the Nrf2 activators tBHQ and CDDO-Im on the early events of T cell activation. <b>2018</b> , 147, 67-76		20
166	The Roles of NRF2 in Modulating Cellular Iron Homeostasis. <b>2018</b> , 29, 1756-1773		195
165	Sensing Oxidative Stress: The NRF2 Signaling Pathway. <b>2018</b> , 337-351		
164	Nrf1 is paved as a new strategic avenue to prevent and treat cancer, neurodegenerative and other diseases. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 360, 273-283	4.6	19
163	Mechanisms controlling the multistage post-translational processing of endogenous Nrf1/TCF11 proteins to yield distinct isoforms within the coupled positive and negative feedback circuits. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 360, 212-235	4.6	16
162	Nrf2 deletion results in impaired performance in memory tasks and hyperactivity in mature and aged mice. <b>2018</b> , 1701, 103-111		5
161	Nrf2 Deficiency Unmasks the Significance of Nitric Oxide Synthase Activity for Cardioprotection. <b>2018</b> , 2018, 8309698		20
160	NRF2 regulates core and stabilizing circadian clock loops, coupling redox and timekeeping in. <i>ELife</i> , <b>2018</b> , 7,	8.9	51
159	Myocardial infarction-induced microRNA-enriched exosomes contribute to cardiac Nrf2 dysregulation in chronic heart failure. <b>2018</b> , 314, H928-H939		78
158	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. <b>2018</b> , 98, 1169-1203		533
157	Nrf2 Is a Central Regulator of Metabolic Reprogramming of Myeloid-Derived Suppressor Cells in Steady State and Sepsis. <b>2018</b> , 9, 1552		28
156	Neuronal activity induces glutathione metabolism gene expression in astrocytes. <b>2018</b> , 66, 2024-2039		11
155	Mitochondrial Stasis Reveals p62-Mediated Ubiquitination in Parkin-Independent Mitophagy and Mitigates Nonalcoholic Fatty Liver Disease. <b>2018</b> , 28, 588-604.e5		105
154	Antioxidant response elements: Discovery, classes, regulation and potential applications. <b>2018</b> , 17, 297-314		196
153	Oxidative Stress and Cancer: The Role of Nrf2. <b>2018</b> , 18, 538-557		128
152	Cloning and expression analysis of the nuclear factor erythroid 2-related factor 2 (Nrf2) gene of grass carp ( <i>Ctenopharyngodon idellus</i> ) and the dietary effect of <i>Eucommia ulmoides</i> on gene expression. <b>2018</b> , 3, 196-203		6
151	Angiogenin activates the astrocytic Nrf2/antioxidant-response element pathway and thereby protects murine neurons from oxidative stress. <b>2019</b> , 294, 15095-15103		13

150	Outcompeting p53-Mutant Cells in the Normal Esophagus by Redox Manipulation. <b>2019</b> , 25, 329-341.e6	45
149	Nrf2 Plays a Protective Role Against Intravascular Hemolysis-Mediated Acute Kidney Injury. <b>2019</b> , 10, 740	21
148	Alveolar macrophages generate a noncanonical NRF2-driven transcriptional response in vivo. <b>2019</b> , 4,	44
147	S-1-propenylmercaptocysteine protects murine hepatocytes against oxidative stress via persulfidation of Keap1 and activation of Nrf2. <b>2019</b> , 143, 164-175	13
146	Differential and overlapping targets of the transcriptional regulators NRF1, NRF2, and NRF3 in human cells. <b>2019</b> , 294, 18131-18149	23
145	17- $\beta$ -Estradiol exerts anti-inflammatory effects through activation of Nrf2 in mouse embryonic fibroblasts. <i>PLoS ONE</i> , <b>2019</b> , 14, e0221650	3-7 15
144	NRF2-dependent gene expression promotes ciliogenesis and Hedgehog signaling. <b>2019</b> , 9, 13896	9
143	Critical Role of Nrf2 in Experimental Ischemic Stroke. <b>2019</b> , 10, 153	63
142	Signal Transduction, Ageing and Disease. <b>2019</b> , 91, 227-247	17
141	Nrf2 Ameliorates DDC-Induced Sclerosing Cholangitis and Biliary Fibrosis and Improves the Regenerative Capacity of the Liver. <b>2019</b> , 169, 485-498	12
140	Spermidine Confers Liver Protection by Enhancing NRF2 Signaling Through a MAP1S-Mediated Noncanonical Mechanism. <b>2019</b> , 70, 372-388	13
139	Lipoxin A4 Ameliorates Acute Pancreatitis-Associated Acute Lung Injury through the Antioxidative and Anti-Inflammatory Effects of the Nrf2 Pathway. <b>2019</b> , 2019, 2197017	17
138	ER Stress and the UPR in Shaping Intestinal Tissue Homeostasis and Immunity. <b>2019</b> , 10, 2825	32
137	Nrf2 in aging - Focus on the cardiovascular system. <b>2019</b> , 112, 42-53	20
136	Therapeutic targeting of the NRF2 and KEAP1 partnership in chronic diseases. <b>2019</b> , 18, 295-317	476
135	Modulating NRF2 in Disease: Timing Is Everything. <b>2019</b> , 59, 555-575	159
134	Nrf2 deficiency increases oligodendrocyte loss, demyelination, neuroinflammation and axonal damage in an MS animal model. <b>2020</b> , 35, 353-362	18
133	Oxidative stress and male infertility: current knowledge of pathophysiology and role of antioxidant therapy in disease management. <b>2020</b> , 77, 93-113	108



132	Nuclear Factor E2-Related Factor 2 Mediates Oxidative Stress-Induced Lipid Accumulation in Adipocytes by Increasing Adipogenesis and Decreasing Lipolysis. <b>2020</b> , 32, 173-192		18
131	CRISPR-Generated Nrf2a Loss- and Gain-of-Function Mutants Facilitate Mechanistic Analysis of Chemical Oxidative Stress-Mediated Toxicity in Zebrafish. <b>2020</b> , 33, 426-435		3
130	The Keap1-Nrf2 pathway: From mechanism to medical applications. <b>2020</b> , 125-147		1
129	Nrf2 in liver toxicology. <b>2020</b> , 43, 337-349		19
128	Nrf2: A unifying transcription factor in the pathogenesis of Fuchs' endothelial corneal dystrophy. <b>2020</b> , 37, 101763		6
127	Nrf2 deficiency in mice attenuates erythropoietic stress-related macrophage hypercellularity. <b>2020</b> , 84, 19-28.e4		4
126	An IL-27-Driven Transcriptional Network Identifies Regulators of IL-10 Expression across T Helper Cell Subsets. <b>2020</b> , 33, 108433		11
125	Deficiency of Nrf2 exacerbates white matter damage and microglia/macrophage levels in a mouse model of vascular cognitive impairment. <b>2020</b> , 17, 367		10
124	NRF2 and the Ambiguous Consequences of Its Activation during Initiation and the Subsequent Stages of Tumourigenesis. <b>2020</b> , 12,		20
123	Nrf2-dependent and -independent effects of tBHQ in activated murine B cells. <b>2020</b> , 145, 111595		4
122	NRF2 and Hypoxia-Inducible Factors: Key Players in the Redox Control of Systemic Iron Homeostasis. <b>2021</b> , 35, 433-452		12
121	17Estradiol strongly inhibits azoxymethane/dextran sulfate sodium-induced colorectal cancer development in Nrf2 knockout male mice. <b>2020</b> , 182, 114279		6
120	Natural Nrf2 Modulators for Skin Protection. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	15
119	The KEAP1/NRF2 Signaling Pathway in Keratinization. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	6
118	NRF2 Regulation by Noncoding RNAs in Cancers: The Present Knowledge and the Way Forward. <b>2020</b> , 12,		8
117	The Keap1/Nrf2 Signaling Pathway in the Thyroid-2020 Update. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	4
116	The role of natural products in revealing NRF2 function. <b>2020</b> , 37, 797-826		28
115	NRF2 and Primary Cilia: An Emerging Partnership. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	5

114	NRF2 Regulation Processes as a Source of Potential Drug Targets against Neurodegenerative Diseases. <b>2020</b> , 10,	23
113	Regulation of KCNMA1 transcription by Nrf2 in coronary arterial smooth muscle cells. <b>2020</b> , 140, 68-76	4
112	Autophagy promotes mammalian survival by suppressing oxidative stress and p53. <b>2020</b> , 34, 688-700	27
111	Nrf1 Is Endowed with a Dominant Tumor-Repressing Effect onto the Wnt/-Catenin-Dependent and Wnt/-Catenin-Independent Signaling Networks in the Human Liver Cancer. <b>2020</b> , 2020, 5138539	10
110	NRF2-driven redox metabolism takes center stage in cancer metabolism from an outside-in perspective. <b>2020</b> , 43, 321-336	4
109	NRF2 activates growth factor genes and downstream AKT signaling to induce mouse and human hepatomegaly. <b>2020</b> , 72, 1182-1195	31
108	Curcumin Activates the Nrf2 Pathway and Induces Cellular Protection Against Oxidative Injury. <b>2020</b> , 20, 116-133	49
107	Roles of Nrf2 in Protecting the Kidney from Oxidative Damage. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3 45
106	Redox toxicology of environmental chemicals causing oxidative stress. <b>2020</b> , 34, 101475	45
105	NRF2 in human neoplasm: Cancer biology and potential therapeutic target. <b>2021</b> , 217, 107664	17
104	Trash Talk: Mammalian Proteasome Regulation at the Transcriptional Level. <b>2021</b> , 37, 160-173	3
103	Modulation of Oxidative Stress and Inflammation in the Aged Lacrimal Gland. <b>2021</b> , 191, 294-308	9
102	NRF2-dependent stress defense in tumor antioxidant control and immune evasion. <b>2021</b> , 34, 268-279	7
101	Nrf2-ARE Signaling Partially Attenuates Lipopolysaccharide-Induced Mammary Lesions via Regulation of Oxidative and Organelle Stresses but Not Inflammatory Response in Mice. <b>2021</b> , 2021, 8821833	
100	TCF11 Has a Potent Tumor-Repressing Effect than Its Prototypic Nrf1 by Definition of both Similar yet Different Regulatory Profiles, with a Striking Disparity from Nrf2.	0
99	NRF2 Loss Accentuates Parkinsonian Pathology and Behavioral Dysfunction in Human $\beta$ Synuclein Overexpressing Mice. <b>2021</b> , 12, 964-982	7
98	Roles of CNC Transcription Factors NRF1 and NRF2 in Cancer. <b>2021</b> , 13,	7
97	Targeted de-repression of neuronal Nrf2 inhibits $\beta$ Synuclein accumulation. <b>2021</b> , 12, 218	4

96	Functional predication of differentially expressed circRNAs/lncRNAs in the prefrontal cortex of Nrf2-knockout mice. <b>2021</b> , 13, 8797-8816		1
95	Cloning, functional characterization and expression analysis of nuclear factor erythroid-2-related factor-2 of golden pompano ( <i>Trachinotus ovatus</i> ) and its response to air-exposure. <b>2021</b> , 19, 100580		1
94	Nuclear Factor Erythroid 2-related Factor 2 Knockout Suppresses the Development of Aggressive Colorectal Cancer Formation Induced by Azoxymethane/Dextran Sulfate Sodium-Treatment in Female Mice. <b>2021</b> , 26, 41-53		4
93	Heme catabolism by tumor-associated macrophages controls metastasis formation. <b>2021</b> , 22, 595-606		11
92	The Lack of Nrf2 Causes Hepatocyte Dedifferentiation and Reduced Albumin Production in an Experimental Extrahepatic Cholestasis Model.		
91	Metabolically active and polyploid renal tissues rely on graded cytoprotection to drive developmental and homeostatic stress resilience. <b>2021</b> , 148,		1
90	Alcoholic and Non-Alcoholic Liver Diseases: Promising Molecular Drug Targets and their Clinical Development. <b>2021</b> , 18, 333-353		1
89	Keap1/Nrf2 Signaling Pathway. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
88	Cancer cells escape autophagy inhibition via NRF2-induced macropinocytosis. <b>2021</b> , 39, 678-693.e11		29
87	Nrf2 a molecular therapeutic target for Astaxanthin. <b>2021</b> , 137, 111374		15
86	Regulation of Nrf2 signaling pathway in heart failure: Role of extracellular vesicles and non-coding RNAs. <b>2021</b> , 167, 218-231		11
85	Differential yet integral contributions of Nrf1 and Nrf2 in the human antioxidant cytoprotective response against tert-butylhydroquinone as a pro-oxidative stressor.		
84	Metformin leads to accumulation of reactive oxygen species by inhibiting the NFE2L1 expression in human hepatocellular carcinoma cells. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 420, 115523	4.6	3
83	Targeting NRF2 to treat cancer. <b>2021</b> , 76, 61-73		3
82	Changes in Microbial Community Composition Related to Sex and Colon Cancer by Nrf2 Knockout. <b>2021</b> , 11, 636808		0
81	TCF11 Has a Potent Tumor-Repressing Effect Than Its Prototypic Nrf1 by Definition of Both Similar Yet Different Regulatory Profiles, With a Striking Disparity From Nrf2. <b>2021</b> , 11, 707032		1
80	Upregulation of Anti-Oxidative Stress Response Improves Metabolic Changes in L-Selectin-Deficient Mice but Does Not Prevent NAFLD Progression or Fecal Microbiota Shifts. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
79	Metabolic Changes and Oxidative Stress in Diabetic Kidney Disease. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6

78	Reactive oxygen species produced by altered tumor metabolism impacts cancer stem cell maintenance. <b>2021</b> , 44, 101953		12
77	Non-canonical NRF2 activation promotes a pro-diabetic shift in hepatic glucose metabolism. <b>2021</b> , 51, 101243		4
76	A Role of Stress Sensor Nrf2 in Stimulating Thermogenesis and Energy Expenditure. <b>2021</b> , 9,		1
75	Targeting NRF2 and Its Downstream Processes: Opportunities and Challenges. <b>2021</b> ,		8
74	Resveratrol attenuates rotenone-induced inflammation and oxidative stress via STAT1 and Nrf2/Keap1/SLC7A11 pathway in a microglia cell line. <b>2021</b> , 225, 153576		7
73	An Overview of the Nrf2/ARE Pathway and Its Role in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
72	The role of Nrf2 in autoimmunity and infectious disease: Therapeutic possibilities. <b>2021</b> , 91, 61-110		1
71	Phylogenetic Conservation of the Nrf2-Keap1 Signaling System. <b>2003</b> , 256-274		1
70	Nrf2 Transcription Factor and Heme Oxygenase-1 as Modulators of Vascular Injury and Angiogenesis. <b>2013</b> , 213-239		1
69	Scutellarin attenuates hypoxia/reoxygenation injury in hepatocytes by inhibiting apoptosis and oxidative stress through regulating Keap1/Nrf2/ARE signaling. <b>2019</b> , 39,		7
68	Molecular mechanisms controlling the multistage post-translational processing of endogenous Nrf1/ATCF11 proteins to yield distinct proteoforms within the coupled positive and negative feedback circuits.		1
67	Metabolic Control of Viral Infection through PPAR- $\beta$ Regulation of STING Signaling.		4
66	Erythroid Maturation and Globin Gene Expression in Mice With Combined Deficiency of NF-E2 and Nrf-2. <b>1998</b> , 91, 3459-3466		2
65	Expression of CD41 on hematopoietic progenitors derived from embryonic hematopoietic cells. <b>2002</b> , 129, 2003-2013		105
64	Four waves of hepatocyte proliferation linked with three waves of hepatic fat accumulation during partial hepatectomy-induced liver regeneration. <i>PLoS ONE</i> , <b>2012</b> , 7, e30675	3-7	39
63	Effect of graded Nrf2 activation on phase-I and -II drug metabolizing enzymes and transporters in mouse liver. <i>PLoS ONE</i> , <b>2012</b> , 7, e39006	3-7	103
62	Absence of Nrf2 or its selective overexpression in neurons and muscle does not affect survival in ALS-linked mutant hSOD1 mouse models. <i>PLoS ONE</i> , <b>2013</b> , 8, e56625	3-7	30
61	Nrf2 is involved in maintaining hepatocyte identity during liver regeneration. <i>PLoS ONE</i> , <b>2014</b> , 9, e107423.	3-7	15

60	Nrf2 regulates mass accrual and the antioxidant endogenous response in bone differently depending on the sex and age. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171161	3.7	22
59	Fluvastatin inhibits AGE-induced cell proliferation and migration via an ERK5-dependent Nrf2 pathway in vascular smooth muscle cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178278	3.7	18
58	Inhibition of early T cell cytokine production by arsenic trioxide occurs independently of Nrf2. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185579	3.7	12
57	Understanding the role of NRF2-regulated miRNAs in human malignancies. <b>2013</b> , 4, 1130-42		48
56	Emerging targets in cancer drug resistance.. <b>2019</b> , 2, 161-177		15
55	New player on an old field; the Keap1/Nrf2 pathway as a target for treatment of type 2 diabetes and metabolic syndrome. <b>2013</b> , 9, 137-45		69
54	Protective Effects of N-Acetylcysteine against Radiation-Induced Oral Mucositis In Vitro and In Vivo. <b>2020</b> , 52, 1019-1030		3
53	Impaired antioxidant KEAP1-NRF2 system in amyotrophic lateral sclerosis: NRF2 activation as a potential therapeutic strategy. <b>2021</b> , 16, 71		3
52	Ferroptosis Regulation by the NGLY1/NFE2L1 Pathway.		
51	Differential Yet Integral Contributions of Nrf1 and Nrf2 in the Human HepG2 Cells on Antioxidant Cytoprotective Response against $\alpha$ -Butylhydroquinone as a Pro-Oxidative Stressor. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
50	Antioxidant Induction of Gene Expression. <b>2010</b> , 523-528		0
49	Free Radicals and Embryo Development. <b>2014</b> , 537-565		
48	NRF2. <b>1998</b> , 817-818		
47	CHAPTER 7:Application of Humanised and Other Transgenic Models to Predict Human Responses to Drugs. <b>2015</b> , 152-176		
46	A major Role for Nrf2 transcription factors in cell transformation by KSHV encoded oncogenes.		
45	Nrf1 is endowed with a dominant tumor-repressing effect onto the Wnt/ $\beta$ Catenin-dependent and -independent signaling networks in the human liver cancer.		
44	The Role of Nrf2 in the Cardiovascular System and Atherosclerosis. <i>Agents and Actions Supplements</i> , <b>2020</b> , 97-127	0.2	
43	Loss of Nrf2 exacerbates the visual deficits and optic neuritis elicited by experimental autoimmune encephalomyelitis. <i>Molecular Vision</i> , <b>2016</b> , 22, 1503-1513	2.3	30

42	NRF2: KEAPing Tumors Protected.. <i>Cancer Discovery</i> , <b>2022</b> ,	24.4	5
41	Recent developments in mitochondrial medicine (part 2). <i>4open</i> , <b>2022</b> , 5, 5	0.8	0
40	Salt-Induced Hepatic Inflammatory Memory Contributes to Cardiovascular Damage Through Epigenetic Modulation of SIRT3.. <i>Circulation</i> , <b>2022</b> , 145, 375-391	16.7	3
39	Aberrant HO-1/NQO1-Reactive Oxygen Species-ERK Signaling Pathway Contributes to Aggravation of TPA-Induced Irritant Contact Dermatitis in Nrf2-Deficient Mice.. <i>Journal of Immunology</i> , <b>2022</b> ,	5.3	2
38	Sulforaphane reduces obesity by reversing leptin resistance.. <i>ELife</i> , <b>2022</b> , 11,	8.9	1
37	Ferroptosis regulation by the NGLY1/NFE2L1 pathway.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2118646119	11.5	0
36	Plasmodium berghei-Mediated NRF2 Activation in Infected Hepatocytes Enhances Parasite Survival. <i>Cellular Microbiology</i> , <b>2022</b> , 2022, 1-17	3.9	2
35	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts. <b>2021</b> , 62, 10		1
34	The NRF2-Dependent Transcriptional Regulation of Antioxidant Defense Pathways: Relevance for Cell Type-Specific Vulnerability to Neurodegeneration and Therapeutic Intervention.. <i>Antioxidants</i> , <b>2021</b> , 11,	7.1	3
33	.. <i>Drug Metabolism and Disposition</i> , <b>2021</b> ,	4	1
32	data_sheet_1.PDF. <b>2018</b> ,		
31	Image_1.tiff. <b>2019</b> ,		
30	Image_2.tiff. <b>2019</b> ,		
29	Image_3.tiff. <b>2019</b> ,		
28	A strategy for cancer prevention: Stimulation of the Nrf2-ARE signaling pathway. <i>Molecular Cancer Therapeutics</i> , <b>2004</b> , 3, 885-893	6.1	63
27	Nrf2 Transcriptional Activity Governs Intestine Development. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6175	6.3	1
26	Nrf2 deficiency causes hepatocyte dedifferentiation and reduced albumin production in an experimental extrahepatic cholestasis model. <i>PLoS ONE</i> , <b>2022</b> , 17, e0269383	3.7	0
25	The Role of Organosulfur Compounds as Nrf2 Activators and Their Antioxidant Effects. <i>Antioxidants</i> , <b>2022</b> , 11, 1255	7.1	3

24	Biphasic response of CD8 T cell to asparagine restriction maximizes its metabolic fitness and antitumoral functionality.		
23	Normal and Pathological NRF2 Signalling in the Central Nervous System. <i>Antioxidants</i> , <b>2022</b> , 11, 1426	7.1	4
22	An experimental evaluation of the efficacy of perinatal sulforaphane supplementation to decrease the incidence and severity of vinclozolin-induced hypospadias in the mouse model. <i>Toxicology and Applied Pharmacology</i> , <b>2022</b> , 116177	4.6	
21	Identification of the NRF2 transcriptional network as a therapeutic target for trigeminal neuropathic pain. <b>2022</b> , 8,		0
20	Bromoacetic acid causes oxidative stress and uric acid metabolism dysfunction via disturbing mitochondrial function and Nrf2 pathway in chicken kidney.		1
19	Dependence of Retinal Pigment Epithelium Integrity on the NRF2/Heme Oxygenase-1 Axis. <b>2022</b> , 63, 30		0
18	The KEAP1-NRF2 System and Esophageal Cancer. <b>2022</b> , 14, 4702		1
17	The protease DDI2 regulates NRF1 activation in response to Cadmium toxicity. <b>2022</b> , 105227		0
16	Nrf2 induces malignant transformation of hepatic progenitor cells by inducing E-catenin expression. <b>2022</b> , 102453		2
15	Role of Nrf2 Pathway Activation in Neurological Disorder: A Brief Review. 0976500X2211288		0
14	NRF2: An emerging role in neural stem cell regulation and neurogenesis. <b>2022</b> , 193, 437-446		0
13	FSH-inhibited autophagy protects against oxidative stress in goat Sertoli cells through p62-Nrf2 pathway. <b>2023</b> , 195, 103-114		0
12	Maternal Calorie Restriction Induces a Transcriptional Cytoprotective Response in Embryonic Liver Partially Dependent on Nrf2. <b>2022</b> , 11, 2274		0
11	Impact of Oxidative Stress on Embryogenesis and Fetal Development. <b>2022</b> , 221-241		0
10	Small Molecule Screen Identifies Pyrimethamine as an Inhibitor of NRF2-driven Esophageal Hyperplasia.		0
9	The Triterpenoid CDDO-Methyl Ester Redirects Macrophage Polarization and Reduces Lung Tumor Burden in a Nrf2-Dependent Manner. <b>2023</b> , 12, 116		0
8	The Neuroprotective Effects and Therapeutic Potential of the Chalcone Cardamomin for Alzheimer's Disease. <b>2023</b> , 13, 145		0
7	Profiling Inflammatory Biomarkers following Curcumin Supplementation: An Umbrella Meta-Analysis of Randomized Clinical Trials. <b>2023</b> , 2023, 1-12		1

- 6 NUCLEAR FACTOR-ERYTHROID-2RELATED FACTOR REGULATES SYSTEMIC AND PULMONARY BARRIER FUNCTION AND IMMUNE PROGRAMMING AFTER BURN AND INHALATION INJURY. **2023**, 59, 300-310
- 5 Targeting NRF2 to promote epithelial repair. **2023**, 51, 101-111
- 4 Nitric oxide regulates metabolism in murine stress erythroid progenitors to promote recovery during inflammatory anemia.
- 3 Itaconate promotes the differentiation of murine stress erythroid progenitors by increasing Nrf2 activity.
- 2 ATF4 suppresses hepatocarcinogenesis by inducing SLC7A11 (xCT) to block stress-related ferroptosis. **2023**,
- 1 SARS-CoV-2 Inhibits NRF2-Mediated Antioxidant Responses in Airway Epithelial Cells and in the Lung of a Murine Model of Infection.