Ken Itoh

List of Publications by Year
in descending order

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		8732	6113
167	32,514	75	159
papers	citations	h-index	g-index

172	172	172	23675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of mitochondrial DNA haplogroup and hearing impairment with aging in Japanese general population of the Iwaki Health Promotion Project. Journal of Human Genetics, 2022, , .	1.1	2
2	Inducible Systemic Gcn1 Deletion in Mice Leads to Transient Body Weight Loss upon Tamoxifen Treatment Associated with Decrease of Fat and Liver Glycogen Storage. International Journal of Molecular Sciences, 2022, 23, 3201.	1.8	2
3	The CD36 Ligand-Promoted Autophagy Protects Retinal Pigment Epithelial Cells from Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	5
4	Association between Serum Concentration of Carotenoid and Visceral Fat. Nutrients, 2021, 13, 912.	1.7	6
5	Characterization of mitochondrial calpain-5. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 118989.	1.9	13
6	Genetic ablation of Nrf2 exacerbates neurotoxic effects of acrylamide in mice. Toxicology, 2021, 456, 152785.	2.0	13
7	Health improvement framework for actionable treatment planning using a surrogate Bayesian model. Nature Communications, 2021, 12, 3088.	5.8	6
8	Capillary Electrophoresis Mass Spectrometry-Based Metabolomics of Plasma Samples from Healthy Subjects in a Cross-Sectional Japanese Population Study. Metabolites, 2021, 11, 314.	1.3	2
9	Distinct Regulations of HO-1 Gene Expression for Stress Response and Substrate Induction. Molecular and Cellular Biology, 2021, 41, e0023621.	1.1	12
10	Calpain-1 C2L domain peptide protects mouse hippocampus-derived neuronal HT22Âcells against glutamate-induced oxytosis. Biochemistry and Biophysics Reports, 2021, 27, 101101.	0.7	5
11	Age-Related Cognitive Decline and Prevalence of Mild Cognitive Impairment in the Iwaki Health Promotion Project. Journal of Alzheimer's Disease, 2021, 84, 1233-1245.	1.2	7
12	Telomere Length and Arterial Stiffness Reflected by Brachialâ€“Ankle Pulse Wave Velocity: A Population-Based Cross-Sectional Study. Journal of Personalized Medicine, 2021, 11, 1278.	1.1	4
13	Emerging evidence for crosstalk between Nrf2 and mitochondria in physiological homeostasis and in heart disease. Archives of Pharmacal Research, 2020, 43, 286-296.	2.7	34
14	Prevalence of the mitochondrial 1555 A>G and 1494 C>T mutations in a community-dwelling population in Japan. Human Genome Variation, 2020, 7, 27.	0.4	12
15	Association of single nucleotide polymorphisms in the NRF2 promoter with vascular stiffness with aging. PLoS ONE, 2020, 15, e0236834.	1.1	9
16	JDP2 is directly regulated by ATF4 and modulates TRAIL sensitivity by suppressing the ATF4â€“DR5 axis. FEBS Open Bio, 2020, 10, 2771-2779.	1.0	6
17	Association between Biomarkers of Cardiovascular Diseases and the Blood Concentration of Carotenoids among the General Population without Apparent Illness. Nutrients, 2020, 12, 2310.	1.7	14
18	Blockade of PARâ€1 Signaling Attenuates Cardiac Hypertrophy and Fibrosis in Reninâ€Overexpressing Hypertensive Mice. Journal of the American Heart Association, 2020, 9, e015616.	1.6	13

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19	Regulation of Nrf2 by Mitochondrial Reactive Oxygen Species in Physiology and Pathology. Biomolecules, 2020, 10, 320.	1.8	263
20	Ribosome binding protein GCN1Âregulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. PLoS Genetics, 2020, 16, e1008693.	1.5	20
21	Nrf2 in the Regulation of Endothelial Cell Homeostasis During Inflammation. Agents and Actions Supplements, 2020, , 77-96.	0.2	0
22	Title is missing!. , 2020, 16, e1008693.		0
23	Title is missing!. , 2020, 16, e1008693.		0
24	Title is missing!. , 2020, 16, e1008693.		0
25	Title is missing!. , 2020, 16, e1008693.		0
26	Title is missing!. , 2020, 15, e0236834.		0
27	Title is missing!. , 2020, 15, e0236834.		0
28	Title is missing!. , 2020, 15, e0236834.		0
29	Title is missing!. , 2020, 15, e0236834.		0
30	Concomitant Nrf2- and ATF4-activation by Carnosic Acid Cooperatively Induces Expression of Cytoprotective Genes. International Journal of Molecular Sciences, 2019, 20, 1706.	1.8	26
31	Increase of Tumor Infiltrating Î³Î´ T-cells in Pancreatic Ductal Adenocarcinoma Through Remodeling of the Extracellular Matrix by a Hyaluronan Synthesis Suppressor, 4-Methylumbelliferone. Pancreas, 2019, 48, 292-298.	0.5	9
32	Role of Nrf2 in inflammatory response in lung of mice exposed to zinc oxide nanoparticles. Particle and Fibre Toxicology, 2019, 16, 47.	2.8	22
33	Role of the ISR-ATF4 pathway and its cross talk with Nrf2 in mitochondrial quality control. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 1-12.	0.6	67
34	Emerging Regulatory Role of Nrf2 in Iron, Heme, and Hemoglobin Metabolism in Physiology and Disease. Frontiers in Veterinary Science, 2018, 5, 242.	0.9	35
35	Aging and <scp>APOE</scp>â€Ìµ4 are determinative factors of plasma AÎ²42 levels. Annals of Clinical and Translational Neurology, 2018, 5, 1184-1191.	1.7	15
36	C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape. Scientific Reports, 2018, 8, 8037.	1.6	58

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37	Effects of deficiency of Kelchâ€like ECHâ€associated protein 1 on skeletal organization: a mechanism for diminished nuclear factor of activated T cells cytoplasmic 1 during osteoclastogenesis. FASEB Journal, 2017, 31, 4011-4022.	0.2	19
38	Increase in proapoptotic activity of inhibitory <scp>PAS</scp> domain protein via phosphorylation by <scp>MK</scp>2. FEBS Journal, 2017, 284, 4115-4127.	2.2	6
39	Novel roles of glycosaminoglycans in the degradation of type I collagen by cathepsin K. Glycobiology, 2017, 27, 1089-1098.	1.3	21
40	The role of NUB1 in Î±-synuclein degradation in Lewy body disease model mice. Biochemical and Biophysical Research Communications, 2016, 470, 635-642.	1.0	3
41	The BET bromodomain inhibitor exerts the most potent synergistic anticancer effects with quinone-containing compounds and anti-microtubule drugs. Oncotarget, 2016, 7, 79217-79232.	0.8	17
42	<scp>p</scp>62 Deficiency Enhances Î±â€Synuclein Pathology in Mice. Brain Pathology, 2015, 25, 552-564.	2.1	37
43	Emerging functional cross-talk between the Keap1-Nrf2 system and mitochondria. Journal of Clinical Biochemistry and Nutrition, 2015, 56, 91-97.	0.6	115
44	Carnosic acid attenuates apoptosis induced by amyloid-Î² 1â€“42 or 1â€“43 in SH-SY5Y human neuroblastoma cells. Neuroscience Research, 2015, 94, 1-9.	1.0	47
45	Role of the <scp>K</scp>eap1/<scp>N</scp>rf2 pathway in neurodegenerative diseases. Pathology International, 2015, 65, 210-219.	0.6	104
46	Role of Nrf2 in the pathogenesis of atherosclerosis. Free Radical Biology and Medicine, 2015, 88, 221-232.	1.3	116
47	Trehalose intake induces chaperone molecules along with autophagy in a mouse model of Lewy body disease. Biochemical and Biophysical Research Communications, 2015, 465, 746-752.	1.0	70
48	Non-coding RNA derived from the region adjacent to the human HO-1 E2 enhancer selectively regulates HO-1 gene induction by modulating Pol II binding. Nucleic Acids Research, 2014, 42, 13599-13614.	6.5	50
49	Nrf2- and ATF4-Dependent Upregulation of xCT Modulates the Sensitivity of T24 Bladder Carcinoma Cells to Proteasome Inhibition. Molecular and Cellular Biology, 2014, 34, 3421-3434.	1.1	163
50	Phosphorylation of serine 349 of p62 in Alzheimerâ€™s disease brain. Acta Neuropathologica Communications, 2014, 2, 50.	2.4	43
51	Carbocisteine Reduces Virus-Induced Pulmonary Inflammation in Mice Exposed to Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 963-973.	1.4	18
52	Carnosic acid suppresses the production of amyloid-Î² 1-42 and 1-43 by inducing an Î±-secretase TACE/ADAM17 in U373MG human astrocytoma cells. Neuroscience Research, 2014, 79, 83-93.	1.0	49
53	Transforming Growth Factor-Î² Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. Journal of Biological Chemistry, 2013, 288, 20658-20667.	1.6	50
54	Carnosic acid suppresses the production of amyloid-Î² 1â€“42 by inducing the metalloprotease gene TACE/ADAM17 in SH-SY5Y human neuroblastoma cells. Neuroscience Research, 2013, 75, 94-102.	1.0	45

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55	Keap1 Is Localized in Neuronal and Glial Cytoplasmic Inclusions in Various Neurodegenerative Diseases. Journal of Neuropathology and Experimental Neurology, 2013, 72, 18-28.	0.9	61
56	Nrf2 activation is associated with Z-DNA formation in the human HO-1 promoter. Nucleic Acids Research, 2013, 41, 5223-5234.	6.5	59
57	Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. Journal of Gastroenterology, 2012, 47, 924-935.	2.3	67
58	Nrf2 in bone marrow-derived cells positively contributes to the advanced stage of atherosclerotic plaque formation. Free Radical Biology and Medicine, 2012, 53, 2256-2262.	1.3	56
59	Methylation of the KEAP1 gene promoter region in human colorectal cancer. BMC Cancer, 2012, 12, 66.	1.1	156
60	Nrf2 regulates NGF mRNA induction by carnosic acid in T98G glioblastoma cells and normal human astrocytes. Journal of Biochemistry, 2011, 150, 209-217.	0.9	55
61	Nrf2 regulates ferroportin 1-mediated iron efflux and counteracts lipopolysaccharide-induced ferroportin 1 mRNA suppression in macrophages. Archives of Biochemistry and Biophysics, 2011, 508, 101-109.	1.4	162
62	Edaravone and carnosic acid synergistically enhance the expression of nerve growth factor in human astrocytes under hypoxia/reoxygenation. Neuroscience Research, 2011, 69, 291-298.	1.0	22
63	Synphilin-1-Binding Protein NUB1 is Colocalized With Nonfibrillar, Proteinase K-Resistant Î±-Synuclein in Presynapses in Lewy Body Disease. Journal of Neuropathology and Experimental Neurology, 2011, 70, 879-889.	0.9	15
64	Nrf2 degron-fused reporter system: a new tool for specific evaluation of Nrf2 inducers. Genes To Cells, 2011, 16, 406-415.	0.5	19
65	Role of Nrf2 in Host Defense against Influenza Virus in Cigarette Smoke-Exposed Mice. Journal of Virology, 2011, 85, 4679-4690.	1.5	79
66	The novel Nrf2-interacting factor KAP1 regulates susceptibility to oxidative stress by promoting the Nrf2-mediated cytoprotective response. Biochemical Journal, 2011, 436, 387-397.	1.7	24
67	Proteinase K-resistant Î±-synuclein is deposited in presynapses in human Lewy body disease and A53T Î±-synuclein transgenic mice. Acta Neuropathologica, 2010, 120, 145-154.	3.9	87
68	Nrf2 protects against pulmonary fibrosis by regulating the lung oxidant level and Th1/Th2 balance. Respiratory Research, 2010, 11, 31.	1.4	137
69	Aggressive mammary carcinoma progression in Nrf2 knockout mice treated with 7,12-dimethylbenz[a]anthracene. BMC Cancer, 2010, 10, 540.	1.1	60
70	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
71	p122 Protein Enhances Intracellular Calcium Increase to Acetylcholine. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1968-1975.	1.1	10
72	Increased Susceptibility of Nrf2-Null Mice to 1-Bromopropaneâ€“Induced Hepatotoxicity. Toxicological Sciences, 2010, 115, 596-606.	1.4	48

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73	Suppression of AhR signaling pathway is associated with the down-regulation of UDP-glucuronosyltransferases during BBN-induced urinary bladder carcinogenesis in mice. Journal of Biochemistry, 2010, 147, 353-360.	0.9	21
74	Role of Nrf2 and p62/ZIP in the neurite outgrowth by carnosic acid in PC12h cells. Journal of Biochemistry, 2010, 147, 73-81.	0.9	88
75	Discovery of the Negative Regulator of Nrf2, Keap1: A Historical Overview. Antioxidants and Redox Signaling, 2010, 13, 1665-1678.	2.5	444
76	Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. American Journal of Pathology, 2010, 177, 677-685.	1.9	17
77	Relationship between Radiosensitivity and Nrf2 Target Gene Expression in Human Hematopoietic Stem Cells. Radiation Research, 2010, 174, 177-184.	0.7	35
78	Heavy Ion Beam Irradiation Regulates the mRNA Expression in Megakaryocytopoiesis from Human Hematopoietic Stem/Progenitor Cells. Journal of Radiation Research, 2009, 50, 477-486.	0.8	12
79	Lansoprazole, a Proton Pump Inhibitor, Mediates Anti-Inflammatory Effect in Gastric Mucosal Cells through the Induction of Heme Oxygenase-1 via Activation of NF-E2-Related Factor 2 and Oxidation of Kelch-Like ECH-Associating Protein 1. Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 255-264.	1.3	62
80	Nrf2 Enhances Cell Proliferation and Resistance to Anticancer Drugs in Human Lung Cancer. Clinical Cancer Research, 2009, 15, 3423-3432.	3.2	373
81	Transcription factor Nrf2 mediates an adaptive response to sulforaphane that protects fibroblasts in vitro against the cytotoxic effects of electrophiles, peroxides and redox-cycling agents. Toxicology and Applied Pharmacology, 2009, 237, 267-280.	1.3	152
82	Keap1/Nrf2 system regulates neuronal survival as revealed through study of keap1 gene-knockout mice. Biochemical and Biophysical Research Communications, 2009, 380, 298-302.	1.0	51
83	Essential role of Nrf2 in keratinocyte protection from UVA by quercetin. Biochemical and Biophysical Research Communications, 2009, 387, 109-114.	1.0	76
84	Comparison of citrus coumarins on carcinogen-detoxifying enzymes in Nrf2 knockout mice. Toxicology Letters, 2009, 185, 180-186.	0.4	62
85	Hyperglycemia induces oxidative and nitrosative stress and increases renal functional impairment in Nrf2â€deficient mice. Genes To Cells, 2008, 13, 1159-1170.	0.5	175
86	Attenuation of UVB-Induced Sunburn Reaction and Oxidative DNA Damage with no Alterations in UVB-Induced Skin Carcinogenesis in Nrf2 Gene-Deficient Mice. Journal of Investigative Dermatology, 2008, 128, 1773-1779.	0.3	76
87	Carnosic acid, a catecholâ€type electrophilic compound, protects neurons both in vitro and in vivo through activation of the Keap1/Nrf2 pathway via Sâ€alkylation of targeted cysteines on Keap1. Journal of Neurochemistry, 2008, 104, 1116-1131.	2.1	339
88	Induction of cancer chemopreventive enzymes by coffee is mediated by transcription factor Nrf2. Evidence that the coffee-specific diterpenes cafestol and kahweol confer protection against acrolein. Toxicology and Applied Pharmacology, 2008, 226, 328-337.	1.3	112
89	Carnosic acid protects neuronal HT22 Cells through activation of the antioxidant-responsive element in free carboxylic acid- and catechol hydroxyl moieties-dependent manners. Neuroscience Letters, 2008, 434, 260-265.	1.0	108
90	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. Archives of Biochemistry and Biophysics, 2008, 477, 139-145.	1.4	83

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91	Keap1 Regulates the Constitutive Expression of GST A1 during Differentiation of Caco-2 Cells. Biochemistry, 2008, 47, 6169-6177.	1.2	18
92	A Possible Role of Nrf2 in Prevention of Renal Oxidative Damage by Ferric Nitrilotriacetate. Toxicologic Pathology, 2008, 36, 353-361.	0.9	26
93	Differential roles for Nrf2 and AP-1 in upregulation of HO-1 expression by arsenite in murine embryonic fibroblasts. Free Radical Research, 2008, 42, 297-304.	1.5	38
94	Nrf2 and p53 cooperatively protect against BBN-induced urinary bladder carcinogenesis. Carcinogenesis, 2007, 28, 2398-2403.	1.3	70
95	Enhanced Spontaneous and Benzo(a)pyrene-Induced Mutations in the Lung of Nrf2-Deficient gpt Delta Mice. Cancer Research, 2007, 67, 5643-5648.	0.4	70
96	Double-stranded RNA induces galectin-9 in vascular endothelial cells: involvement of TLR3, PI3K, and IRF3 pathway. Glycobiology, 2007, 17, 12C-15C.	1.3	38
97	Molecular Basis Distinguishing the DNA Binding Profile of Nrf2-Maf Heterodimer from That of Maf Homodimer. Journal of Biological Chemistry, 2007, 282, 33681-33690.	1.6	92
98	Inchinkoto, a herbal medicine, and its ingredients dually exert Mrp2/MRP2-mediated choleresis and Nrf2-mediated antioxidative action in rat livers. American Journal of Physiology - Renal Physiology, 2007, 292, G1450-G1463.	1.6	76
99	Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. Biochemical Journal, 2007, 404, 459-466.	1.7	87
100	A new aspect of carnosic acid as a neuroprotective electrophilic compound: Activation of the Keap1/Nrf2 pathway. Neuroscience Research, 2007, 58, S208.	1.0	0
101	Carnosic acid and carnosol as neuroprotective electrophilic compounds. Neuroscience Research, 2007, 58, S208.	1.0	2
102	Subcellular localization and cytoplasmic complex status of endogenous Keap1. Genes To Cells, 2007, 12, 1163-1178.	0.5	116
103	Increased susceptibility to hepatocarcinogenicity of Nrf2-deficient mice exposed to 2-amino-3-methylimidazo[4,5-f]quinoline. Cancer Science, 2007, 98, 19-24.	1.7	69
104	Shear stress stabilizes NF-E2-related factor 2 and induces antioxidant genes in endothelial cells: Role of reactive oxygen/nitrogen species. Free Radical Biology and Medicine, 2007, 42, 260-269.	1.3	156
105	Dimerisation of adaptor protein Keap1 is required to correctly position Nrf2 for ubiquitylation upon the Cul3â€Rbx1 holoenzyme: the â€˜fixedâ€endsâ€™ model. FASEB Journal, 2007, 21, A1020.	0.2	0
106	Ebselen, a Seleno-organic Antioxidant, as an Electrophile. Chemical Research in Toxicology, 2006, 19, 1196-1204.	1.7	135
107	Tissue Prx I in the protection against Fe-NTA and the reduction of nitroxyl radicals. Biochemical and Biophysical Research Communications, 2006, 339, 226-231.	1.0	24
108	Nrf2 controls bone marrow stromal cell susceptibility to oxidative and electrophilic stress. Free Radical Biology and Medicine, 2006, 41, 132-143.	1.3	56

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109	A Crucial Role of Nrf2 in In Vivo Defense against Oxidative Damage by an Environmental Pollutant, Pentachlorophenol. Toxicological Sciences, 2006, 90, 111-119.	1.4	72
110	Keap1 Recruits Neh2 through Binding to ETGE and DLG Motifs: Characterization of the Two-Site Molecular Recognition Model. Molecular and Cellular Biology, 2006, 26, 2887-2900.	1.1	610
111	BRG1 Interacts with Nrf2 To Selectively Mediate HO-1 Induction in Response to Oxidative Stress. Molecular and Cellular Biology, 2006, 26, 7942-7952.	1.1	183
112	Dimerization of Substrate Adaptors Can Facilitate Cullin-mediated Ubiquitylation of Proteins by a â€œTetheringâ€•Mechanism. Journal of Biological Chemistry, 2006, 281, 24756-24768.	1.6	422
113	Nrf2-deficient mice are highly susceptible to cigarette smoke-induced emphysema. Genes To Cells, 2005, 10, 1113-1125.	0.5	293
114	Ultraviolet A Irradiation Induces NF-E2-Related Factor 2 Activation in Dermal Fibroblasts: Protective Role in UVA-Induced Apoptosis. Journal of Investigative Dermatology, 2005, 124, 825-832.	0.3	147
115	Regulatory Role of the COX-2 Pathway in the Nrf2-Mediated Anti-Inflammatory Response. Journal of Clinical Biochemistry and Nutrition, 2005, 37, 9-18.	0.6	10
116	Selective Induction of the Tumor Marker Glutathione S-Transferase P1 by Proteasome Inhibitors*. Journal of Biological Chemistry, 2005, 280, 25267-25276.	1.6	29
117	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
118	Role of 15-DeoxyÎ”12,14Prostaglandin J2and Nrf2 Pathways in Protection against Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 1260-1266.	2.5	111
119	Transcription Factor Nrf2 Plays a Pivotal Role in Protection against Elastase-Induced Pulmonary Inflammation and Emphysema. Journal of Immunology, 2005, 175, 6968-6975.	0.4	219
120	Role of Nrf2 signaling in regulation of antioxidants and phase 2 enzymes in cardiac fibroblasts: Protection against reactive oxygen and nitrogen species-induced cell injury. FEBS Letters, 2005, 579, 3029-3036.	1.3	333
121	Evolutionary conserved N-terminal domain of Nrf2 is essential for the Keap1-mediated degradation of the protein by proteasome. Archives of Biochemistry and Biophysics, 2005, 433, 342-350.	1.4	187
122	Protective Roles of Nrf2 in Disease including Oral Disease. Journal of Oral Biosciences, 2005, 47, 126-134.	0.8	0
123	Transcription Factor Nrf2 Is Essential for Induction of NAD(P)H:Quinone Oxidoreductase 1, Glutathione S-Transferases, and Glutamate Cysteine Ligase by Broccoli Seeds and Isothiocyanates. Journal of Nutrition, 2004, 134, 3499S-3506S.	1.3	181
124	Transcription Factor Nrf2 Regulates Inflammation by Mediating the Effect of 15-Deoxy-Î” 12,14 -Prostaglandin J 2. Molecular and Cellular Biology, 2004, 24, 36-45.	1.1	383
125	Nrf2 Is Essential for the Chemopreventive Efficacy of Oltipraz against Urinary Bladder Carcinogenesis. Cancer Research, 2004, 64, 6424-6431.	0.4	325
126	Redox-regulated Turnover of Nrf2 Is Determined by at Least Two Separate Protein Domains, the Redox-sensitive Neh2 Degron and the Redox-insensitive Neh6 Degron. Journal of Biological Chemistry, 2004, 279, 31556-31567.	1.6	336

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127	Role of Nrf2 in the Regulation of CD36 and Stress Protein Expression in Murine Macrophages. Circulation Research, 2004, 94, 609-616.	2.0	388
128	Nrf2 deficiency causes tooth decolourization due to iron transport disorder in enamel organ. Genes To Cells, 2004, 9, 641-651.	0.5	56
129	Nrf2 deficiency improves autoimmune nephritis caused by the fas mutation lpr. Kidney International, 2004, 65, 1703-1713.	2.6	28
130	Molecular mechanism activating nrf2â€“keap1 pathway in regulation of adaptive response to electrophiles. Free Radical Biology and Medicine, 2004, 36, 1208-1213.	1.3	765
131	Activation of hepatic Nrf2in vivo by acetaminophen in CD-1 mice. Hepatology, 2004, 39, 1267-1276.	3.6	188
132	EPR imaging of reducing activity in Nrf2 transcriptional factor-deficient mice. Free Radical Biology and Medicine, 2003, 34, 1236-1242.	1.3	81
133	Keap1 regulates both cytoplasmic-nuclear shuttling and degradation of Nrf2 in response to electrophiles. Genes To Cells, 2003, 8, 379-391.	0.5	698
134	Nrf2 regulates the sensitivity of death receptor signals by affecting intracellular glutathione levels. Oncogene, 2003, 22, 9275-9281.	2.6	105
135	Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. Nature Genetics, 2003, 35, 238-245.	9.4	782
136	Transcription factor Nrf2 is required for the constitutive and inducible expression of multidrug resistance-associated protein1 in mouse embryo fibroblasts. Biochemical and Biophysical Research Communications, 2003, 310, 824-829.	1.0	247
137	Activation of Nrf2 and accumulation of ubiquitinated A170 by arsenic in osteoblasts. Biochemical and Biophysical Research Communications, 2003, 305, 271-277.	1.0	89
138	Expression of the Aflatoxin B1-8,9-Epoxide-Metabolizing Murine Glutathione S-Transferase A3 Subunit Is Regulated by the Nrf2 Transcription Factor through an Antioxidant Response Element. Molecular Pharmacology, 2003, 64, 1018-1028.	1.0	62
139	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. Carcinogenesis, 2003, 24, 461-467.	1.3	169
140	Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 Pathway. Journal of Biological Chemistry, 2003, 278, 8135-8145.	1.6	611
141	Keap1-dependent Proteasomal Degradation of Transcription Factor Nrf2 Contributes to the Negative Regulation of Antioxidant Response Element-driven Gene Expression. Journal of Biological Chemistry, 2003, 278, 21592-21600.	1.6	963
142	Identification of a novel Nrf2-regulated antioxidant response element (ARE) in the mouse NAD(P)H:quinone oxidoreductase 1 gene: reassessment of the ARE consensus sequence. Biochemical Journal, 2003, 374, 337-348.	1.7	427
143	A Sulforaphane Analogue That Potently Activates the Nrf2-dependent Detoxification Pathway. Journal of Biological Chemistry, 2002, 277, 3456-3463.	1.6	234
144	Direct evidence that sulfhydryl groups of Keap1 are the sensors regulating induction of phase 2 enzymes that protect against carcinogens and oxidants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11908-11913.	3.3	1,719

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145	Loss of the Nrf2 transcription factor causes a marked reduction in constitutive and inducible expression of the glutathione S-transferase Gsta1, Gsta2, Gstm1, Gstm2, Gstm3 and Gstm4 genes in the livers of male and female mice. Biochemical Journal, 2002, 365, 405-416.	1.7	399
146	Electrophile Response Element-mediated Induction of the Cystine/Glutamate Exchange Transporter Gene Expression. Journal of Biological Chemistry, 2002, 277, 44765-44771.	1.6	443
147	[18] Roles of Nrf2 in activation of antioxidant enzyme genes via antioxidant responsive elements. Methods in Enzymology, 2002, 348, 182-190.	0.4	143
148	Nrf2 transactivator-independent GSTP1-1 expression in `GSTP1-1 positive' single cells inducible in female mouse liver by DEN: a preneoplastic character of possible initiated cells. Carcinogenesis, 2002, 23, 457-462.	1.3	20
149	Enhanced Expression of the Transcription Factor Nrf2 by Cancer Chemopreventive Agents: Role of Antioxidant Response Element-Like Sequences in the nrf2 Promoter. Molecular and Cellular Biology, 2002, 22, 2883-2892.	1.1	527
150	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. Genes To Cells, 2002, 7, 807-820.	0.5	298
151	High Sensitivity of Nrf2 Knockout Mice to Acetaminophen Hepatotoxicity Associated with Decreased Expression of ARE-Regulated Drug Metabolizing Enzymes and Antioxidant Genes. Toxicological Sciences, 2001, 59, 169-177.	1.4	663
152	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. Molecular Medicine, 2001, 7, 135-145.	1.9	317
153	Nrf2-deficient female mice develop lupus-like autoimmune nephritis11See Editorial by Byrd and Thomas, p. 1606.. Kidney International, 2001, 60, 1343-1353.	2.6	313
154	Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. Genes To Cells, 2001, 6, 857-868.	0.5	415
155	Accelerated DNA Adduct Formation in the Lung of the Nrf2 Knockout Mouse Exposed to Diesel Exhaust. Toxicology and Applied Pharmacology, 2001, 173, 154-160.	1.3	275
156	Role of phase 2 enzyme induction in chemoprotection by dithiolethiones. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 480-481, 305-315.	0.4	219
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