

Ken Itoh

List of Articles by Year in descending order

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167

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11156

69

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7014

158

g-index

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documents

31599

doc citations

12251

73

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31911

citing authors

#	ARTICLE	IF	CITATIONS
1	Association between NF-E2-related factor 2 polymorphism and age-related hearing loss in the general Japanese population from the Iwaki health promotion project. <i>Acta Oto-Laryngologica</i> , 2025, 145, 36-42.	0.9	0
2	Role of calpain-5 in cerebral ischemia and reperfusion injury. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2024, 1868, 130506.	2.0	2
3	Emerging Role of GCN1 in Disease and Homeostasis. <i>International Journal of Molecular Sciences</i> , 2024, 25, 2998.	4.4	9
4	Role of Nrf2-Mediated Oxidative Stress Response Pathway in the Regulation of Mibyou. <i>Kagaku To Seibutsu</i> , 2024, 62, 145-153.	0.0	0
5	Multimomics and artificial intelligence enabled peripheral blood-based prediction of amnesic mild cognitive impairment. <i>Current Research in Translational Medicine</i> , 2023, 71, 103367.	1.7	9
6	Association of Plasma Lipopolysaccharide-Binding Protein Concentration with Dietary Factors, Gut Microbiota, and Health Status in the Japanese General Adult Population: A Cross-Sectional Study. <i>Metabolites</i> , 2023, 13, 250.	3.4	11
7	Plasma ApoE4 Levels Are Lower than ApoE2 and ApoE3 Levels, and Not Associated with Plasma A β ^{240/42} Ratio as a Biomarker of Amyloid- β Amyloidosis in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 93, 333-348.	2.6	5
8	Annual stability of the plasma A β ^{40/42} ratio and associated factors. <i>Annals of Clinical and Translational Neurology</i> , 2023, 10, 879-891.	3.8	3
9	Role of Nrf2 in 1,2-dichloropropane-induced cell proliferation and DNA damage in the mouse liver. <i>Toxicological Sciences</i> , 2023, 195, 28-41.	3.8	4
10	Definition of a Dietary Pattern Expressing the Intake of Vegetables and Fruits and Its Association with Intestinal Microbiota. <i>Nutrients</i> , 2023, 15, 2104.	4.5	2
11	Individual health-disease phase diagrams for disease prevention based on machine learning. <i>Journal of Biomedical Informatics</i> , 2023, 144, 104448.	3.7	8
12	Does the Protective Effect of Zinc on Telomere Length Depend on the Presence of Hypertension or Type 2 Diabetes? Results from the Iwaki Health Promotion Project, Japan. <i>Nutrients</i> , 2023, 15, 4373.	4.5	2
13	Mitochondrial Reactive Oxygen Species, Insulin Resistance, and Nrf2-Mediated Oxidative Stress Response—Toward an Actionable Strategy for Anti-Aging. <i>Biomolecules</i> , 2023, 13, 1544.	4.2	42
14	Association of mitochondrial DNA haplogroup and hearing impairment with aging in Japanese general population of the Iwaki Health Promotion Project. <i>Journal of Human Genetics</i> , 2022, 67, 369-375.	2.0	3
15	Inducible Systemic Gcn1 Deletion in Mice Leads to Transient Body Weight Loss upon Tamoxifen Treatment Associated with Decrease of Fat and Liver Glycogen Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3201.	4.4	5
16	Sulforaphane Increase Mitochondrial Biogenesis-Related Gene Expression in the Hippocampus and Suppresses Age-Related Cognitive Decline in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8433.	4.4	15
17	Association between Serum Concentration of Carotenoid and Visceral Fat. <i>Nutrients</i> , 2021, 13, 912.	4.5	10
18	Characterization of mitochondrial calpain-5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118989.	3.6	18

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19	Genetic ablation of Nrf2 exacerbates neurotoxic effects of acrylamide in mice. <i>Toxicology</i> , 2021, 456, 152785.	4.7	23
20	Health improvement framework for actionable treatment planning using a surrogate Bayesian model. <i>Nature Communications</i> , 2021, 12, .	13.7	13
21	Capillary Electrophoresis Mass Spectrometry-Based Metabolomics of Plasma Samples from Healthy Subjects in a Cross-Sectional Japanese Population Study. <i>Metabolites</i> , 2021, 11, 314.	3.4	5
22	Distinct Regulations of HO-1 Gene Expression for Stress Response and Substrate Induction. <i>Molecular and Cellular Biology</i> , 2021, 41, .	2.5	27
23	Calpain-1 C2L domain peptide protects mouse hippocampus-derived neuronal HT22 cells against glutamate-induced oxytosis. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101101.	1.3	6
24	Age-Related Cognitive Decline and Prevalence of Mild Cognitive Impairment in the Iwaki Health Promotion Project. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1233-1245.	2.6	13
25	Telomere Length and Arterial Stiffness Reflected by Brachial Ankle Pulse Wave Velocity: A Population-Based Cross-Sectional Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 1278.	2.4	5
26	Prevalence of the mitochondrial 1555 A>G and 1494 C>T mutations in a community-dwelling population in Japan. <i>Human Genome Variation</i> , 2020, 7, .	2.2	19
27	Association of single nucleotide polymorphisms in the NRF2 promoter with vascular stiffness with aging. <i>PLoS ONE</i> , 2020, 15, e0236834.	2.3	13
28	JDP2 is directly regulated by ATF4 and modulates TRAIL sensitivity by suppressing the ATF4-DR5 axis. <i>FEBS Open Bio</i> , 2020, 10, 2771-2779.	2.2	9
29	Association between Biomarkers of Cardiovascular Diseases and the Blood Concentration of Carotenoids among the General Population without Apparent Illness. <i>Nutrients</i> , 2020, 12, 2310.	4.5	27
30	Blockade of PAR-1 Signaling Attenuates Cardiac Hypertrophy and Fibrosis in Renin-Overexpressing Hypertensive Mice. <i>Journal of the American Heart Association</i> , 2020, 9, .	4.0	19
31	Regulation of Nrf2 by Mitochondrial Reactive Oxygen Species in Physiology and Pathology. <i>Biomolecules</i> , 2020, 10, 320.	4.2	461
32	Ribosome binding protein GCN1 regulates the cell cycle and cell proliferation and is essential for the embryonic development of mice. <i>PLoS Genetics</i> , 2020, 16, e1008693.	3.2	34
33	Concomitant Nrf2- and ATF4-Activation by Carnosic Acid Cooperatively Induces Expression of Cytoprotective Genes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1706.	4.4	34
34	Increase of Tumor Infiltrating T-cells in Pancreatic Ductal Adenocarcinoma Through Remodeling of the Extracellular Matrix by a Hyaluronan Synthesis Suppressor, 4-Methylumbelliferone. <i>Pancreas</i> , 2019, 48, 292-298.	0.9	11
35	Role of Nrf2 in inflammatory response in lung of mice exposed to zinc oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2019, 16, .	7.9	31
36	Role of the ISR-ATF4 pathway and its cross talk with Nrf2 in mitochondrial quality control. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 64, 1-12.	1.4	89

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37	Emerging evidence for crosstalk between Nrf2 and mitochondria in physiological homeostasis and in heart disease. <i>Archives of Pharmacal Research</i> , 2019, 43, 286-296.	6.9	44
38	Emerging Regulatory Role of Nrf2 in Iron, Heme, and Hemoglobin Metabolism in Physiology and Disease. <i>Frontiers in Veterinary Science</i> , 2018, 5, .	2.4	61
39	Aging and <i>APOE</i> ϵ 4 are determinative factors of plasma A β 42 levels. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1184-1191.	3.8	23
40	C151 in KEAP1 is the main cysteine sensor for the cyanoenone class of NRF2 activators, irrespective of molecular size or shape. <i>Scientific Reports</i> , 2018, 8, .	3.4	87
41	Effects of deficiency of Kelch-like ECH-associated protein 1 on skeletal organization: a mechanism for diminished nuclear factor of activated T cells cytoplasmic 1 during osteoclastogenesis. <i>FASEB Journal</i> , 2017, 31, 4011-4022.	0.6	25
42	Increase in proapoptotic activity of inhibitory <i>PAS</i> domain protein via phosphorylation by <i>MK2</i> . <i>FEBS Journal</i> , 2017, 284, 4115-4127.	5.4	7
43	Novel roles of glycosaminoglycans in the degradation of type I collagen by cathepsin K. <i>Glycobiology</i> , 2017, 27, 1089-1098.	2.2	25
44	The role of NUB1 in α -synuclein degradation in Lewy body disease model mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 635-642.	2.1	3
45	p62 Deficiency Enhances α -Synuclein Pathology in Mice. <i>Brain Pathology</i> , 2015, 25, 552-564.	5.0	42
46	Carnosic acid attenuates apoptosis induced by amyloid- β 1-42 or 1-43 in SH-SY5Y human neuroblastoma cells. <i>Neuroscience Research</i> , 2015, 94, 1-9.	2.1	51
47	Role of the Keap1/Nrf2 pathway in neurodegenerative diseases. <i>Pathology International</i> , 2015, 65, 210-219.	1.8	115
48	Role of Nrf2 in the pathogenesis of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2015, 88, 221-232.	3.7	139
49	Trehalose intake induces chaperone molecules along with autophagy in a mouse model of Lewy body disease. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 746-752.	2.1	85
50	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. <i>Nucleic Acids Research</i> , 2014, 42, 13599-13614.	15.5	57
51	Nrf2- and ATF4-Dependent Upregulation of α CT Modulates the Sensitivity of T24 Bladder Carcinoma Cells to Proteasome Inhibition. <i>Molecular and Cellular Biology</i> , 2014, 34, 3421-3434.	2.5	191
52	Phosphorylation of serine 349 of p62 in Alzheimer's disease brain. <i>Acta Neuropathologica Communications</i> , 2014, 2, .	5.0	54
53	Carbocysteine Reduces Virus-Induced Pulmonary Inflammation in Mice Exposed to Cigarette Smoke. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 963-973.	3.8	22
54	Carnosic acid suppresses the production of amyloid- β 1-42 and 1-43 by inducing an α -secretase TACE/ADAM17 in U373MG human astrocytoma cells. <i>Neuroscience Research</i> , 2014, 79, 83-93.	2.1	51

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55	Transforming Growth Factor- β 2 Induces Transcription Factors MafK and Bach1 to Suppress Expression of the Heme Oxygenase-1 Gene. <i>Journal of Biological Chemistry</i> , 2013, 288, 20658-20667.	2.2	56
56	Carnosic acid suppresses the production of amyloid- β 1-42 by inducing the metalloprotease gene TACE/ADAM17 in SH-SY5Y human neuroblastoma cells. <i>Neuroscience Research</i> , 2013, 75, 94-102.	2.1	50
57	Keap1 Is Localized in Neuronal and Glial Cytoplasmic Inclusions in Various Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 18-28.	1.8	71
58	Nrf2 activation is associated with Z-DNA formation in the human HO-1 promoter. <i>Nucleic Acids Research</i> , 2013, 41, 5223-5234.	15.5	66
59	Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. <i>Journal of Gastroenterology</i> , 2012, 47, 924-935.	4.1	74
60	Nrf2 in bone marrow-derived cells positively contributes to the advanced stage of atherosclerotic plaque formation. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2256-2262.	3.7	69
61	Molecular mechanisms for the regulation of Nrf2-mediated cell proliferation in non-small-cell lung cancers. <i>Oncogene</i> , 2012, 31, 4768-4777.	6.5	146
62	Methylation of the KEAP1 gene promoter region in human colorectal cancer. <i>BMC Cancer</i> , 2012, 12, .	2.9	168
63	Nrf2 regulates NGF mRNA induction by carnosic acid in T98G glioblastoma cells and normal human astrocytes. <i>Journal of Biochemistry</i> , 2011, 150, 209-217.	1.6	58
64	Nrf2 regulates ferroportin 1-mediated iron efflux and counteracts lipopolysaccharide-induced ferroportin 1 mRNA suppression in macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2011, 508, 101-109.	2.8	200
65	Edaravone and carnosic acid synergistically enhance the expression of nerve growth factor in human astrocytes under hypoxia/reoxygenation. <i>Neuroscience Research</i> , 2011, 69, 291-298.	2.1	22
66	Synphilin-1-Binding Protein NUB1 is Colocalized With Nonfibrillar, Proteinase K-Resistant β -Synuclein in Presynapses in Lewy Body Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 879-889.	1.8	15
67	Nrf2 degron-fused reporter system: a new tool for specific evaluation of Nrf2 inducers. <i>Genes To Cells</i> , 2011, 16, 406-415.	1.4	21
68	Role of Nrf2 in Host Defense against Influenza Virus in Cigarette Smoke-Exposed Mice. <i>Journal of Virology</i> , 2011, 85, 4679-4690.	3.6	90
69	The novel Nrf2-interacting factor KAP1 regulates susceptibility to oxidative stress by promoting the Nrf2-mediated cytoprotective response. <i>Biochemical Journal</i> , 2011, 436, 387-397.	3.8	27
70	Proteinase K-resistant β -synuclein is deposited in presynapses in human Lewy body disease and A53T β -synuclein transgenic mice. <i>Acta Neuropathologica</i> , 2010, 120, 145-154.	9.2	104
71	Nrf2 protects against pulmonary fibrosis by regulating the lung oxidant level and Th1/Th2 balance. <i>Respiratory Research</i> , 2010, 11, .	4.2	156
72	Aggressive mammary carcinoma progression in Nrf2 knockout mice treated with 7,12-dimethylbenz[a]anthracene. <i>BMC Cancer</i> , 2010, 10, .	2.9	62

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73	Ablation of the Transcription Factor Nrf2 Promotes Ischemia-Induced Neovascularization by Enhancing the Inflammatory Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1553-1561.	6.0	42
74	p122 Protein Enhances Intracellular Calcium Increase to Acetylcholine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1968-1975.	6.0	10
75	Increased Susceptibility of Nrf2-Null Mice to 1-Bromopropane-Induced Hepatotoxicity. <i>Toxicological Sciences</i> , 2010, 115, 596-606.	3.8	51
76	Suppression of AhR signaling pathway is associated with the down-regulation of UDP-glucuronosyltransferases during BBN-induced urinary bladder carcinogenesis in mice. <i>Journal of Biochemistry</i> , 2010, 147, 353-360.	1.6	22
77	Role of Nrf2 and p62/ZIP in the neurite outgrowth by carnosic acid in PC12h cells. <i>Journal of Biochemistry</i> , 2010, 147, 73-81.	1.6	91
78	Discovery of the Negative Regulator of Nrf2, Keap1: A Historical Overview. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1665-1678.	6.3	482
79	Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. <i>American Journal of Pathology</i> , 2010, 177, 677-685.	3.4	21
80	Relationship between Radiosensitivity and Nrf2 Target Gene Expression in Human Hematopoietic Stem Cells. <i>Radiation Research</i> , 2010, 174, 177-184.	2.1	37
81	Heavy Ion Beam Irradiation Regulates the mRNA Expression in Megakaryocytopoiesis from Human Hematopoietic Stem/Progenitor Cells. <i>Journal of Radiation Research</i> , 2009, 50, 477-486.	1.8	12
82	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. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 267-280.	3.2	169
83	Keap1/Nrf2 system regulates neuronal survival as revealed through study of keap1 gene-knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 298-302.	2.1	54
84	Essential role of Nrf2 in keratinocyte protection from UVA by quercetin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 109-114.	2.1	78
85	Comparison of citrus coumarins on carcinogen-detoxifying enzymes in Nrf2 knockout mice. <i>Toxicology Letters</i> , 2009, 185, 180-186.	0.6	66
86	Hyperglycemia induces oxidative and nitrosative stress and increases renal functional impairment in Nrf2-deficient mice. <i>Genes To Cells</i> , 2008, 13, 1159-1170.	1.4	189
87	Attenuation of UVB-Induced Sunburn Reaction and Oxidative DNA Damage with no Alterations in UVB-Induced Skin Carcinogenesis in Nrf2 Gene-Deficient Mice. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1773-1779.	2.3	80
88	Carnosic acid, a catechol-type electrophilic compound, protects neurons both in vitro and in vivo through activation of the Keap1/Nrf2 pathway via S-alkylation of targeted cysteines on Keap1. <i>Journal of Neurochemistry</i> , 2008, 104, 1116-1131.	3.8	363
89	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. <i>Toxicology and Applied Pharmacology</i> , 2008, 226, 328-337.	3.2	120
90	Carnosic acid protects neuronal HT22 Cells through activation of the antioxidant-responsive element in free carboxylic acid- and catechol hydroxyl moieties-dependent manners. <i>Neuroscience Letters</i> , 2008, 434, 260-265.	1.9	119

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91	Nrf2 regulates the alternative first exons of CD36 in macrophages through specific antioxidant response elements. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 139-145.	2.8	96
92	Keap1 Regulates the Constitutive Expression of GST A1 during Differentiation of Caco-2 Cells. <i>Biochemistry</i> , 2008, 47, 6169-6177.	2.4	18
93	A Possible Role of Nrf2 in Prevention of Renal Oxidative Damage by Ferric Nitrotriacetate. <i>Toxicologic Pathology</i> , 2008, 36, 353-361.	1.3	26
94	Differential roles for Nrf2 and AP-1 in upregulation of HO-1 expression by arsenite in murine embryonic fibroblasts. <i>Free Radical Research</i> , 2008, 42, 297-304.	2.6	38
95	Nrf2 and p53 cooperatively protect against BBN-induced urinary bladder carcinogenesis. <i>Carcinogenesis</i> , 2007, 28, 2398-2403.	2.8	73
96	Double-stranded RNA induces galectin-9 in vascular endothelial cells: involvement of TLR3, PI3K, and IRF3 pathway. <i>Glycobiology</i> , 2007, 17, 12C-15C.	2.2	41
97	Molecular Basis Distinguishing the DNA Binding Profile of Nrf2-Maf Heterodimer from That of Maf Homodimer. <i>Journal of Biological Chemistry</i> , 2007, 282, 33681-33690.	2.2	99
98	Inchinkoto, a herbal medicine, and its ingredients dually exert Mrp2/MRP2-mediated choleresis and Nrf2-mediated antioxidative action in rat livers. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1450-G1463.	3.3	81
99	Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. <i>Biochemical Journal</i> , 2007, 404, 459-466.	3.8	100
100	Subcellular localization and cytoplasmic complex status of endogenous Keap1. <i>Genes To Cells</i> , 2007, 12, 1163-1178.	1.4	129
101	Increased susceptibility to hepatocarcinogenicity of Nrf2-deficient mice exposed to 2-amino-3-methylimidazo[4,5-f]quinoline. <i>Cancer Science</i> , 2007, 98, 19-24.	3.9	73
102	Shear stress stabilizes NF-E2-related factor 2 and induces antioxidant genes in endothelial cells: Role of reactive oxygen/nitrogen species. <i>Free Radical Biology and Medicine</i> , 2007, 42, 260-269.	3.7	162
103	Dimerisation of adaptor protein Keap1 is required to correctly position Nrf2 for ubiquitylation upon the Cul3-Rbx1 holoenzyme: the "fixed" model. <i>FASEB Journal</i> , 2007, 21, .	0.6	0
104	Ebselen, a Seleno-organic Antioxidant, as an Electrophile. <i>Chemical Research in Toxicology</i> , 2006, 19, 1196-1204.	3.7	144
105	Tissue Prx I in the protection against Fe-NTA and the reduction of nitroxyl radicals. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 226-231.	2.1	24
106	Nrf2 controls bone marrow stromal cell susceptibility to oxidative and electrophilic stress. <i>Free Radical Biology and Medicine</i> , 2006, 41, 132-143.	3.7	58
107	A Crucial Role of Nrf2 in In Vivo Defense against Oxidative Damage by an Environmental Pollutant, Pentachlorophenol. <i>Toxicological Sciences</i> , 2006, 90, 111-119.	3.8	73
108	Keap1 Recruits Neh2 through Binding to ETGE and DLG Motifs: Characterization of the Two-Site Molecular Recognition Model. <i>Molecular and Cellular Biology</i> , 2006, 26, 2887-2900.	2.5	691

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109	BRG1 Interacts with Nrf2 To Selectively Mediate HO-1 Induction in Response to Oxidative Stress. <i>Molecular and Cellular Biology</i> , 2006, 26, 7942-7952.	2.5	204
110	Dimerization of Substrate Adaptors Can Facilitate Cullin-mediated Ubiquitylation of Proteins by a "Tethering" Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 24756-24768.	2.2	454
111	Nrf2-deficient mice are highly susceptible to cigarette smoke-induced emphysema. <i>Genes To Cells</i> , 2005, 10, 1113-1125.	1.4	313
112	Ultraviolet A Irradiation Induces NF-E2-Related Factor 2 Activation in Dermal Fibroblasts: Protective Role in UVA-Induced Apoptosis. <i>Journal of Investigative Dermatology</i> , 2005, 124, 825-832.	2.3	152
113	Regulatory Role of the COX-2 Pathway in the Nrf2-Mediated Anti-Inflammatory Response. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2005, 37, 9-18.	1.4	10
114	Selective Induction of the Tumor Marker Glutathione S-Transferase P1 by Proteasome Inhibitors*. <i>Journal of Biological Chemistry</i> , 2005, 280, 25267-25276.	2.2	29
115	Differential Responses of the Nrf2-Keap1 System to Laminar and Oscillatory Shear Stresses in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 27244-27250.	2.2	211
116	Role of 15-Deoxy $\Delta^{12,14}$ Prostaglandin J ₂ and Nrf2 Pathways in Protection against Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1260-1266.	8.9	115
117	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. <i>FEBS Letters</i> , 2005, 579, 3029-3036.	2.7	363
118	Evolutionary conserved N-terminal domain of Nrf2 is essential for the Keap1-mediated degradation of the protein by proteasome. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 342-350.	2.8	200
119	Protective Roles of Nrf2 in Disease including Oral Disease. <i>Journal of Oral Biosciences</i> , 2005, 47, 126-134.	2.1	0
120	Protective Roles of Nrf2 in Disease including Oral Disease. <i>Journal of Oral Biosciences</i> , 2005, 47, 126-134.	2.1	0
121	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. <i>Journal of Nutrition</i> , 2004, 134, 3499S-3506S.	2.9	191
122	Transcription Factor Nrf2 Regulates Inflammation by Mediating the Effect of 15-Deoxy $\Delta^{12,14}$ -Prostaglandin J ₂ . <i>Molecular and Cellular Biology</i> , 2004, 24, 36-45.	2.5	401
123	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. <i>Journal of Biological Chemistry</i> , 2004, 279, 31556-31567.	2.2	366
124	Role of Nrf2 in the Regulation of CD36 and Stress Protein Expression in Murine Macrophages. <i>Circulation Research</i> , 2004, 94, 609-616.	13.2	404
125	Nrf2 deficiency causes tooth decolorization due to iron transport disorder in enamel organ. <i>Genes To Cells</i> , 2004, 9, 641-651.	1.4	59
126	Nrf2 deficiency improves autoimmune nephritis caused by the fas mutation lpr. <i>Kidney International</i> , 2004, 65, 1703-1713.	5.3	32

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127	Molecular mechanism activating nrf2â€œkeap1 pathway in regulation of adaptive response to electrophiles. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1208-1213.	3.7	823
128	Activation of hepatic Nrf2in vivo by acetaminophen in CD-1 mice. <i>Hepatology</i> , 2004, 39, 1267-1276.	10.1	198
129	EPR imaging of reducing activity in Nrf2 transcriptional factor-deficient mice. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1236-1242.	3.7	82
130	Keap1 regulates both cytoplasmicâ€œnuclear shuttling and degradation of Nrf2 in response to electrophiles. <i>Genes To Cells</i> , 2003, 8, 379-391.	1.4	749
131	Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. <i>Nature Genetics</i> , 2003, 35, 238-245.	25.2	853
132	Transcription factor Nrf2 is required for the constitutive and inducible expression of multidrug resistance-associated protein1 in mouse embryo fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 824-829.	2.1	253
133	Activation of Nrf2 and accumulation of ubiquitinated A170 by arsenic in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 271-277.	2.1	94
134	Expression of the Aflatoxin B1-8,9-Epoide-Metabolizing Murine Glutathione S-Transferase A3 Subunit Is Regulated by the Nrf2 Transcription Factor through an Antioxidant Response Element. <i>Molecular Pharmacology</i> , 2003, 64, 1018-1028.	2.6	76
135	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. <i>Carcinogenesis</i> , 2003, 24, 461-467.	2.8	182
136	Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 8135-8145.	2.2	633
137	Keap1-dependent Proteasomal Degradation of Transcription Factor Nrf2 Contributes to the Negative Regulation of Antioxidant Response Element-driven Gene Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 21592-21600.	2.2	1,062
138	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. <i>Biochemical Journal</i> , 2003, 374, 337-348.	3.8	464
139	A Sulforaphane Analogue That Potently Activates the Nrf2-dependent Detoxification Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 3456-3463.	2.2	255
140	Direct evidence that sulfhydryl groups of Keap1 are the sensors regulating induction of phase 2 enzymes that protect against carcinogens and oxidants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11908-11913.	7.5	1,839
141	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. <i>Biochemical Journal</i> , 2002, 365, 405-416.	3.8	430
142	Electrophile Response Element-mediated Induction of the Cystine/Glutamate Exchange Transporter Gene Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 44765-44771.	2.2	503
143	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. <i>Carcinogenesis</i> , 2002, 23, 457-462.	2.8	22
144	Enhanced Expression of the Transcription Factor Nrf2 by Cancer Chemopreventive Agents: Role of Antioxidant Response Element-Like Sequences in the nrf2 Promoter. <i>Molecular and Cellular Biology</i> , 2002, 22, 2883-2892.	2.5	576

#	ARTICLE	IF	CITATIONS
145	Identification of the interactive interface and phylogenic conservation of the Nrf2-Keap1 system. <i>Genes To Cells</i> , 2002, 7, 807-820.	1.4	324
146	High Sensitivity of Nrf2 Knockout Mice to Acetaminophen Hepatotoxicity Associated with Decreased Expression of ARE-Regulated Drug Metabolizing Enzymes and Antioxidant Genes. <i>Toxicological Sciences</i> , 2001, 59, 169-177.	3.8	686
147	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. <i>Molecular Medicine</i> , 2001, 7, 135-145.	5.6	329
148	Nrf2-deficient female mice develop lupus-like autoimmune nephritis. See Editorial by Byrd and Thomas, p. 1606.. <i>Kidney International</i> , 2001, 60, 1343-1353.	5.3	336
149	Two domains of Nrf2 cooperatively bind CBP, a CREB binding protein, and synergistically activate transcription. <i>Genes To Cells</i> , 2001, 6, 857-868.	1.4	472
150	Accelerated DNA Adduct Formation in the Lung of the Nrf2 Knockout Mouse Exposed to Diesel Exhaust. <i>Toxicology and Applied Pharmacology</i> , 2001, 173, 154-160.	3.2	289
151	Role of phase 2 enzyme induction in chemoprotection by dithiolethiones. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 480-481, 305-315.	1.8	224
152	Sensitivity to carcinogenesis is increased and chemoprotective efficacy of enzyme inducers is lost in nrf2 transcription factor-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 3410-3415.	7.5	1,080
153	Hemin-induced Activation of the Thioredoxin Gene by Nrf2. <i>Journal of Biological Chemistry</i> , 2001, 276, 18399-18406.	2.2	292
154	Induction of murine intestinal and hepatic peroxiredoxin MSP23 by dietary butylated hydroxyanisole. <i>Carcinogenesis</i> , 2000, 21, 1013-1016.	2.8	26
155	Transcription Factor Nrf2 Coordinately Regulates a Group of Oxidative Stress-inducible Genes in Macrophages. <i>Journal of Biological Chemistry</i> , 2000, 275, 16023-16029.	2.2	1,383
156	Regulatory mechanisms of cellular response to oxidative stress. <i>Free Radical Research</i> , 1999, 31, 319-324.	2.6	338
157	Oxidative stress-inducible proteins in macrophages. <i>Free Radical Research</i> , 1999, 31, 351-355.	2.6	111
158	Keap1 represses nuclear activation of antioxidant responsive elements by Nrf2 through binding to the amino-terminal Neh2 domain. <i>Genes and Development</i> , 1999, 13, 76-86.	4.6	3,328
159	Ablation of Nrf2 Function Does Not Increase the Erythroid or Megakaryocytic Cell Lineage Dysfunction Caused by p45 NF-E2 Gene Disruption. <i>Journal of Biochemistry</i> , 1998, 123, 376-379.	1.6	36
160	An Nrf2/Small Maf Heterodimer Mediates the Induction of Phase II Detoxifying Enzyme Genes through Antioxidant Response Elements. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 313-322.	2.1	3,793
161	Conditional expression of the ubiquitous transcription factor MafK induces erythroleukemia cell differentiation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7445-7449.	7.5	62
162	Activity and Expression of Murine Small Maf Family Protein MafK. <i>Journal of Biological Chemistry</i> , 1995, 270, 7615-7624.	2.2	97

#	ARTICLE	IF	CITATIONS
163	Cloning and Characterization of a Novel Erythroid Cell-Derived CNC Family Transcription Factor Heterodimerizing with the Small Maf Family Proteins. <i>Molecular and Cellular Biology</i> , 1995, 15, 4184-4193.	2.5	423
164	Regulation of transcription by dimerization of erythroid factor NF-E2 p45 with small Maf proteins. <i>Nature</i> , 1994, 367, 568-572.	37.9	445
165	Spatial colocalization and molecular crosstalk of myofibroblastic CAFs and tumor cells shape lymph node metastasis in oral squamous cell carcinoma. <i>PLoS Genetics</i> , 0, 21, e1011791.	3.2	2
166	Multi-marker discovery for mild cognitive impairment in metabolomics using machine learning with a global surrogate model via partial least squares. <i>Metabolomics</i> , 0, 21, .	2.8	0
167	Efficacy of 42-month oral administration of glucoraphanin in preventing cognitive decline in individuals at elevated risk of dementia, including those with mild cognitive impairment: a randomized, double-blind, placebo-controlled pilot study. <i>Frontiers in Nutrition</i> , 0, 13, .	4.3	0