

Ken Itoh

List of Publications by Year in descending order

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Version: 2024-02-01

167
papers

32,514
citations

10070

75
h-index

7043

159
g-index

172
all docs

172
docs citations

172
times ranked

25808
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. <i>Journal of Human Genetics</i> , 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. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3201. | 1.8 | 2 |
| 3 | The CD36 Ligand-Promoted Autophagy Protects Retinal Pigment Epithelial Cells from Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14. | 1.9 | 5 |
| 4 | Association between Serum Concentration of Carotenoid and Visceral Fat. <i>Nutrients</i> , 2021, 13, 912. | 1.7 | 6 |
| 5 | Characterization of mitochondrial calpain-5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118989. | 1.9 | 13 |
| 6 | Genetic ablation of Nrf2 exacerbates neurotoxic effects of acrylamide in mice. <i>Toxicology</i> , 2021, 456, 152785. | 2.0 | 13 |
| 7 | Health improvement framework for actionable treatment planning using a surrogate Bayesian model. <i>Nature Communications</i> , 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. <i>Metabolites</i> , 2021, 11, 314. | 1.3 | 2 |
| 9 | Distinct Regulations of <i>HO-1</i> Gene Expression for Stress Response and Substrate Induction. <i>Molecular and Cellular Biology</i> , 2021, 41, e0023621. | 1.1 | 12 |
| 10 | 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. | 0.7 | 5 |
| 11 | 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. | 1.2 | 7 |
| 12 | 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. | 1.1 | 4 |
| 13 | Emerging evidence for crosstalk between Nrf2 and mitochondria in physiological homeostasis and in heart disease. <i>Archives of Pharmacal Research</i> , 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. <i>Human Genome Variation</i> , 2020, 7, 27. | 0.4 | 12 |
| 15 | Association of single nucleotide polymorphisms in the NRF2 promoter with vascular stiffness with aging. <i>PLoS ONE</i> , 2020, 15, e0236834. | 1.1 | 9 |
| 16 | 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. | 1.0 | 6 |
| 17 | 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. | 1.7 | 14 |
| 18 | Blockade of PAR1 Signaling Attenuates Cardiac Hypertrophy and Fibrosis in Renin-Overexpressing Hypertensive Mice. <i>Journal of the American Heart Association</i> , 2020, 9, e015616. | 1.6 | 13 |

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|----|--|-----|-----------|
| 19 | Regulation of Nrf2 by Mitochondrial Reactive Oxygen Species in Physiology and Pathology. <i>Biomolecules</i> , 2020, 10, 320. | 1.8 | 263 |
| 20 | 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. | 1.5 | 20 |
| 21 | Nrf2 in the Regulation of Endothelial Cell Homeostasis During Inflammation. <i>Agents and Actions Supplements</i> , 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. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1706. | 1.8 | 26 |
| 31 | Increase of Tumor Infiltrating $\gamma\delta$ 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. | 0.5 | 9 |
| 32 | Role of Nrf2 in inflammatory response in lung of mice exposed to zinc oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2019, 16, 47. | 2.8 | 22 |
| 33 | 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. | 0.6 | 67 |
| 34 | Emerging Regulatory Role of Nrf2 in Iron, Heme, and Hemoglobin Metabolism in Physiology and Disease. <i>Frontiers in Veterinary Science</i> , 2018, 5, 242. | 0.9 | 35 |
| 35 | Ageing and ϵ -apoE4 are determinative factors of plasma $A\beta_{42}$ levels. <i>Annals of Clinical and Translational Neurology</i> , 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. <i>Scientific Reports</i> , 2018, 8, 8037. | 1.6 | 58 |

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|----|--|-----|-----------|
| 37 | 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. | 0.2 | 19 |
| 38 | Increase in proapoptotic activity of inhibitory <sc>PAS</sc> domain protein via phosphorylation by <sc>MK</sc>2. <i>FEBS Journal</i> , 2017, 284, 4115-4127. | 2.2 | 6 |
| 39 | Novel roles of glycosaminoglycans in the degradation of type I collagen by cathepsin K. <i>Glycobiology</i> , 2017, 27, 1089-1098. | 1.3 | 21 |
| 40 | 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. | 1.0 | 3 |
| 41 | The BET bromodomain inhibitor exerts the most potent synergistic anticancer effects with quinone-containing compounds and anti-microtubule drugs. <i>Oncotarget</i> , 2016, 7, 79217-79232. | 0.8 | 17 |
| 42 | <sc>p</sc>62 Deficiency Enhances α -Synuclein Pathology in Mice. <i>Brain Pathology</i> , 2015, 25, 552-564. | 2.1 | 37 |
| 43 | Emerging functional cross-talk between the Keap1-Nrf2 system and mitochondria. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 56, 91-97. | 0.6 | 115 |
| 44 | 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. | 1.0 | 47 |
| 45 | Role of the <sc>K</sc>eap1/<sc>N</sc>r2 pathway in neurodegenerative diseases. <i>Pathology International</i> , 2015, 65, 210-219. | 0.6 | 104 |
| 46 | Role of Nrf2 in the pathogenesis of atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2015, 88, 221-232. | 1.3 | 116 |
| 47 | 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. | 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. <i>Nucleic Acids Research</i> , 2014, 42, 13599-13614. | 6.5 | 50 |
| 49 | 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. | 1.1 | 163 |
| 50 | Phosphorylation of serine 349 of p62 in Alzheimer's disease brain. <i>Acta Neuropathologica Communications</i> , 2014, 2, 50. | 2.4 | 43 |
| 51 | 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. | 1.4 | 18 |
| 52 | 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. | 1.0 | 49 |
| 53 | Transforming Growth Factor- β 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. | 1.6 | 50 |
| 54 | 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. | 1.0 | 45 |

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|----|---|-----|-----------|
| 55 | 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. | 0.9 | 61 |
| 56 | Nrf2 activation is associated with Z-DNA formation in the human HO-1 promoter. <i>Nucleic Acids Research</i> , 2013, 41, 5223-5234. | 6.5 | 59 |
| 57 | Nrf2 inhibits hepatic iron accumulation and counteracts oxidative stress-induced liver injury in nutritional steatohepatitis. <i>Journal of Gastroenterology</i> , 2012, 47, 924-935. | 2.3 | 67 |
| 58 | 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. | 1.3 | 56 |
| 59 | Methylation of the KEAP1 gene promoter region in human colorectal cancer. <i>BMC Cancer</i> , 2012, 12, 66. | 1.1 | 156 |
| 60 | 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. | 0.9 | 55 |
| 61 | 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. | 1.4 | 162 |
| 62 | 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. | 1.0 | 22 |
| 63 | Synphilin-1-Binding Protein NUB1 is Colocalized With Nonfibrillar, Proteinase K-Resistant α -Synuclein in Presynapses in Lewy Body Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 879-889. | 0.9 | 15 |
| 64 | Nrf2 degron-fused reporter system: a new tool for specific evaluation of Nrf2 inducers. <i>Genes To Cells</i> , 2011, 16, 406-415. | 0.5 | 19 |
| 65 | Role of Nrf2 in Host Defense against Influenza Virus in Cigarette Smoke-Exposed Mice. <i>Journal of Virology</i> , 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. <i>Biochemical Journal</i> , 2011, 436, 387-397. | 1.7 | 24 |
| 67 | Proteinase K-resistant α -synuclein is deposited in presynapses in human Lewy body disease and A53T α -synuclein transgenic mice. <i>Acta Neuropathologica</i> , 2010, 120, 145-154. | 3.9 | 87 |
| 68 | Nrf2 protects against pulmonary fibrosis by regulating the lung oxidant level and Th1/Th2 balance. <i>Respiratory Research</i> , 2010, 11, 31. | 1.4 | 137 |
| 69 | Aggressive mammary carcinoma progression in Nrf2 knockout mice treated with 7,12-dimethylbenz[a]anthracene. <i>BMC Cancer</i> , 2010, 10, 540. | 1.1 | 60 |
| 70 | 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. | 1.1 | 37 |
| 71 | p122 Protein Enhances Intracellular Calcium Increase to Acetylcholine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1968-1975. | 1.1 | 10 |
| 72 | Increased Susceptibility of Nrf2-Null Mice to 1-Bromopropane-Induced Hepatotoxicity. <i>Toxicological Sciences</i> , 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. <i>Journal of Biochemistry</i> , 2010, 147, 353-360. | 0.9 | 21 |
| 74 | 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. | 0.9 | 88 |
| 75 | Discovery of the Negative Regulator of Nrf2, Keap1: A Historical Overview. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1665-1678. | 2.5 | 444 |
| 76 | Suppression of SLC11A2 Expression Is Essential to Maintain Duodenal Integrity During Dietary Iron Overload. <i>American Journal of Pathology</i> , 2010, 177, 677-685. | 1.9 | 17 |
| 77 | Relationship between Radiosensitivity and Nrf2 Target Gene Expression in Human Hematopoietic Stem Cells. <i>Radiation Research</i> , 2010, 174, 177-184. | 0.7 | 35 |
| 78 | 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. | 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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 255-264. | 1.3 | 62 |
| 80 | Nrf2 Enhances Cell Proliferation and Resistance to Anticancer Drugs in Human Lung Cancer. <i>Clinical Cancer Research</i> , 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. <i>Toxicology and Applied Pharmacology</i> , 2009, 237, 267-280. | 1.3 | 152 |
| 82 | 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. | 1.0 | 51 |
| 83 | Essential role of Nrf2 in keratinocyte protection from UVA by quercetin. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 109-114. | 1.0 | 76 |
| 84 | Comparison of citrus coumarins on carcinogen-detoxifying enzymes in Nrf2 knockout mice. <i>Toxicology Letters</i> , 2009, 185, 180-186. | 0.4 | 62 |
| 85 | Hyperglycemia induces oxidative and nitrosative stress and increases renal functional impairment in Nrf2-deficient mice. <i>Genes To Cells</i> , 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. <i>Journal of Investigative Dermatology</i> , 2008, 128, 1773-1779. | 0.3 | 76 |
| 87 | 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. | 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. <i>Toxicology and Applied Pharmacology</i> , 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. <i>Neuroscience Letters</i> , 2008, 434, 260-265. | 1.0 | 108 |
| 90 | 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. | 1.4 | 83 |

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|-----|--|-----|-----------|
| 91 | Keap1 Regulates the Constitutive Expression of GST A1 during Differentiation of Caco-2 Cells. <i>Biochemistry</i> , 2008, 47, 6169-6177. | 1.2 | 18 |
| 92 | A Possible Role of Nrf2 in Prevention of Renal Oxidative Damage by Ferric Nitrilotriacetate. <i>Toxicologic Pathology</i> , 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. <i>Free Radical Research</i> , 2008, 42, 297-304. | 1.5 | 38 |
| 94 | Nrf2 and p53 cooperatively protect against BBN-induced urinary bladder carcinogenesis. <i>Carcinogenesis</i> , 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. <i>Cancer Research</i> , 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. <i>Glycobiology</i> , 2007, 17, 12C-15C. | 1.3 | 38 |
| 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. | 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. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1450-G1463. | 1.6 | 76 |
| 99 | Nrf2 Neh5 domain is differentially utilized in the transactivation of cytoprotective genes. <i>Biochemical Journal</i> , 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. <i>Neuroscience Research</i> , 2007, 58, S208. | 1.0 | 0 |
| 101 | Carnosic acid and carnosol as neuroprotective electrophilic compounds. <i>Neuroscience Research</i> , 2007, 58, S208. | 1.0 | 2 |
| 102 | Subcellular localization and cytoplasmic complex status of endogenous Keap1. <i>Genes To Cells</i> , 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. <i>Cancer Science</i> , 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. <i>Free Radical Biology and Medicine</i> , 2007, 42, 260-269. | 1.3 | 156 |
| 105 | Dimerisation of adaptor protein Keap1 is required to correctly position Nrf2 for ubiquitylation upon the Cul3-Rbx1 holoenzyme: the "fixed ends" model. <i>FASEB Journal</i> , 2007, 21, A1020. | 0.2 | 0 |
| 106 | Ebselen, a Seleno-organic Antioxidant, as an Electrophile. <i>Chemical Research in Toxicology</i> , 2006, 19, 1196-1204. | 1.7 | 135 |
| 107 | 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. | 1.0 | 24 |
| 108 | Nrf2 controls bone marrow stromal cell susceptibility to oxidative and electrophilic stress. <i>Free Radical Biology and Medicine</i> , 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. <i>Toxicological Sciences</i> , 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. <i>Molecular and Cellular Biology</i> , 2006, 26, 2887-2900. | 1.1 | 610 |
| 111 | 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. | 1.1 | 183 |
| 112 | Dimerization of Substrate Adaptors Can Facilitate Cullin-mediated Ubiquitylation of Proteins by a α -Tethering Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 24756-24768. | 1.6 | 422 |
| 113 | Nrf2-deficient mice are highly susceptible to cigarette smoke-induced emphysema. <i>Genes To Cells</i> , 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. <i>Journal of Investigative Dermatology</i> , 2005, 124, 825-832. | 0.3 | 147 |
| 115 | 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. | 0.6 | 10 |
| 116 | Selective Induction of the Tumor Marker Glutathione S-Transferase P1 by Proteasome Inhibitors*. <i>Journal of Biological Chemistry</i> , 2005, 280, 25267-25276. | 1.6 | 29 |
| 117 | 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. | 1.6 | 198 |
| 118 | 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. | 2.5 | 111 |
| 119 | Transcription Factor Nrf2 Plays a Pivotal Role in Protection against Elastase-Induced Pulmonary Inflammation and Emphysema. <i>Journal of Immunology</i> , 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. <i>FEBS Letters</i> , 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. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 342-350. | 1.4 | 187 |
| 122 | Protective Roles of Nrf2 in Disease including Oral Disease. <i>Journal of Oral Biosciences</i> , 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. <i>Journal of Nutrition</i> , 2004, 134, 3499S-3506S. | 1.3 | 181 |
| 124 | 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. | 1.1 | 383 |
| 125 | Nrf2 Is Essential for the Chemopreventive Efficacy of Oltipraz against Urinary Bladder Carcinogenesis. <i>Cancer Research</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Circulation Research</i> , 2004, 94, 609-616. | 2.0 | 388 |
| 128 | Nrf2 deficiency causes tooth decolorization due to iron transport disorder in enamel organ. <i>Genes To Cells</i> , 2004, 9, 641-651. | 0.5 | 56 |
| 129 | Nrf2 deficiency improves autoimmune nephritis caused by the fas mutation lpr. <i>Kidney International</i> , 2004, 65, 1703-1713. | 2.6 | 28 |
| 130 | Molecular mechanism activating nrf2-keap1 pathway in regulation of adaptive response to electrophiles. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1208-1213. | 1.3 | 765 |
| 131 | Activation of hepatic Nrf2 in vivo by acetaminophen in CD-1 mice. <i>Hepatology</i> , 2004, 39, 1267-1276. | 3.6 | 188 |
| 132 | EPR imaging of reducing activity in Nrf2 transcriptional factor-deficient mice. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1236-1242. | 1.3 | 81 |
| 133 | Keap1 regulates both cytoplasmic-nuclear shuttling and degradation of Nrf2 in response to electrophiles. <i>Genes To Cells</i> , 2003, 8, 379-391. | 0.5 | 698 |
| 134 | Nrf2 regulates the sensitivity of death receptor signals by affecting intracellular glutathione levels. <i>Oncogene</i> , 2003, 22, 9275-9281. | 2.6 | 105 |
| 135 | Keap1-null mutation leads to postnatal lethality due to constitutive Nrf2 activation. <i>Nature Genetics</i> , 2003, 35, 238-245. | 9.4 | 782 |
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| 137 | Activation of Nrf2 and accumulation of ubiquitinated A170 by arsenic in osteoblasts. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 271-277. | 1.0 | 89 |
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