

# Thomas W Kensler

## List of Publications by Year in descending order

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349  
papers

41,702  
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1883

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354  
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times ranked

32747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Survival Responses to Environmental Stresses Via the Keap1-Nrf2-ARE Pathway. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 89-116.	4.2	3,054
2	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. <i>Physiological Reviews</i> , 2018, 98, 1169-1203.	13.1	1,067
3	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.	3.3	1,036
4	Identification of Nrf2-regulated genes induced by the chemopreventive agent sulforaphane by oligonucleotide microarray. <i>Cancer Research</i> , 2002, 62, 5196-203.	0.4	947
5	Protection against electrophile and oxidant stress by induction of the phase 2 response: Fate of cysteines of the Keap1 sensor modified by inducers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2040-2045.	3.3	895
6	Nrf2 is a critical regulator of the innate immune response and survival during experimental sepsis. <i>Journal of Clinical Investigation</i> , 2006, 116, 984-995.	3.9	874
7	Therapeutic targeting of the NRF2 and KEAP1 partnership in chronic diseases. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 295-317.	21.5	849
8	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke-induced emphysema in mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1248-1259.	3.9	763
9	Sulforaphane inhibits extracellular, intracellular, and antibiotic-resistant strains of <i>Helicobacter pylori</i> and prevents benzo[a]pyrene-induced stomach tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7610-7615.	3.3	721
10	Anticarcinogenic activities of sulforaphane and structurally related synthetic norbornyl isothiocyanates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 3147-3150.	3.3	683
11	Global mapping of binding sites for Nrf2 identifies novel targets in cell survival response through ChIP-Seq profiling and network analysis. <i>Nucleic Acids Research</i> , 2010, 38, 5718-5734.	6.5	653
12	Role of NRF2 in Protection Against Hyperoxic Lung Injury in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 26, 175-182.	1.4	626
13	Modulation of Gene Expression by Cancer Chemopreventive Dithiolethiones through the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 8135-8145.	1.6	611
14	The dynamin-related GTPase Drp1 is required for embryonic and brain development in mice. <i>Journal of Cell Biology</i> , 2009, 186, 805-816.	2.3	556
15	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke-induced emphysema in mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1248-1259.	3.9	535
16	Disruption of Nrf2 enhances susceptibility to severe airway inflammation and asthma in mice. <i>Journal of Experimental Medicine</i> , 2005, 202, 47-59.	4.2	529
17	When NRF2 Talks, Who's Listening?. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1649-1663.	2.5	528
18	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.	1.1	527

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19	Aflatoxin: A 50-Year Odyssey of Mechanistic and Translational Toxicology. <i>Toxicological Sciences</i> , 2011, 120, S28-S48.	1.4	519
20	Identification of a Novel Macrophage Phenotype That Develops in Response to Atherogenic Phospholipids via Nrf2. <i>Circulation Research</i> , 2010, 107, 737-746.	2.0	472
21	Nrf2 signaling: An adaptive response pathway for protection against environmental toxic insults. <i>Mutation Research - Reviews in Mutation Research</i> , 2008, 659, 31-39.	2.4	459
22	Antioxidants Enhance Mammalian Proteasome Expression through the Keap1-Nrf2 Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2003, 23, 8786-8794.	1.1	446
23	Nrf2: friend or foe for chemoprevention?. <i>Carcinogenesis</i> , 2010, 31, 90-99.	1.3	412
24	Oxidative mechanisms in carcinogenesis. <i>British Medical Bulletin</i> , 1993, 49, 523-544.	2.7	393
25	Hepatocyte-specific deletion of the keap1 gene activates Nrf2 and confers potent resistance against acute drug toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 79-88.	1.0	356
26	The Role of Keap1 in Cellular Protective Responses. <i>Chemical Research in Toxicology</i> , 2005, 18, 1779-1791.	1.7	345
27	Nrf2-dependent protection from LPS induced inflammatory response and mortality by CDDO-Imidazolide. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 883-889.	1.0	321
28	Targeting Nrf2 with the triterpenoid CDDO- imidazolide attenuates cigarette smoke-induced emphysema and cardiac dysfunction in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 250-255.	3.3	318
29	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.	1.9	317
30	An overview of the relationship between oxidative stress and chemical carcinogenesis. <i>Free Radical Biology and Medicine</i> , 1991, 10, 201-209.	1.3	315
31	Protective Alterations in Phase 1 and 2 Metabolism of Aflatoxin B1 by Oltipraz in Residents of Qidong, People's Republic of China. <i>Journal of the National Cancer Institute</i> , 1999, 91, 347-354.	3.0	293
32	Effects of Glucosinolate-Rich Broccoli Sprouts on Urinary Levels of Aflatoxin-DNA Adducts and Phenanthrene Tetraols in a Randomized Clinical Trial in He Zuo Township, Qidong, People's Republic of China. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 2605-2613.	1.1	287
33	Preclinical and clinical evaluation of sulforaphane for chemoprevention in the breast. <i>Carcinogenesis</i> , 2007, 28, 1485-1490.	1.3	283
34	NRF2 Modulates Aryl Hydrocarbon Receptor Signaling: Influence on Adipogenesis. <i>Molecular and Cellular Biology</i> , 2007, 27, 7188-7197.	1.1	283
35	Chlorophyllin intervention reduces aflatoxin-DNA adducts in individuals at high risk for liver cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14601-14606.	3.3	273
36	Keap1â€Nrf2 Signaling: A Target for Cancer Prevention by Sulforaphane. <i>Topics in Current Chemistry</i> , 2012, 329, 163-177.	4.0	272



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55	KEAP1 and done? Targeting the NRF2 pathway with sulforaphane. Trends in Food Science and Technology, 2017, 69, 257-269.	7.8	196
56	Broccoli or Sulforaphane: Is It the Source or Dose That Matters?. Molecules, 2019, 24, 3593.	1.7	196
57	Role of reactive oxygen species in modulation of Nrf2 following ischemic reperfusion injury. Neuroscience, 2007, 147, 53-59.	1.1	192
58	Translational strategies for cancer prevention in liver. Nature Reviews Cancer, 2003, 3, 321-329.	12.8	191
59	Regulation of Notch1 Signaling by Nrf2: Implications for Tissue Regeneration. Science Signaling, 2010, 3, ra52.	1.6	189
60	K-ras oncogene activation in lung adenocarcinomas from former smokers evidence that K-ras mutations are an early and irreversible event in the development of adenocarcinoma of the lung. Cancer, 1993, 72, 432-438.	2.0	187
61	Potent Protection against Aflatoxin-Induced Tumorigenesis through Induction of Nrf2-Regulated Pathways by the Triterpenoid 1-[2-Cyano-3-,12-Dioxooleana-1,9(11)-Dien-28-Oyl]Imidazole. Cancer Research, 2006, 66, 2488-2494.	0.4	186
62	Nrf2 as a target for cancer chemoprevention. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 591, 93-102.	0.4	183
63	Increased colonic inflammatory injury and formation of aberrant crypt foci in Nrf2-deficient mice upon dextran sulfate treatment. International Journal of Cancer, 2007, 121, 1883-1891.	2.3	177
64	Nrf2 regulates an adaptive response protecting against oxidative damage following diquat-mediated formation of superoxide anion. Archives of Biochemistry and Biophysics, 2006, 454, 7-15.	1.4	175
65	Linkage Analysis of Susceptibility to Hyperoxia. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 42-51.	1.4	171
66	In vivo modulation of the Parkinsonian phenotype by Nrf2. NeuroToxicology, 2006, 27, 1094-1100.	1.4	170
67	Free radicals in tumor promotion. Advances in Free Radical Biology & Medicine, 1986, 2, 347-387.	2.2	169
68	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
69	Role of oxygen radicals in tumor promotion. Environmental Mutagenesis, 1984, 6, 593-616.	1.4	166
70	Modification of aflatoxin B1 binding to DNA in vivo in rats fed phenolic antioxidants, ethoxyquin and a dithiothione. Carcinogenesis, 1985, 6, 759-763.	1.3	166
71	Bioavailability of Sulforaphane from Two Broccoli Sprout Beverages: Results of a Short-term, Cross-over Clinical Trial in Qidong, China. Cancer Prevention Research, 2011, 4, 384-395.	0.7	164
72	Specific mutations of hepatitis B virus in plasma predict liver cancer development. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3575-3580.	3.3	157

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73	Rapid and Sustainable Detoxication of Airborne Pollutants by Broccoli Sprout Beverage: Results of a Randomized Clinical Trial in China. <i>Cancer Prevention Research</i> , 2014, 7, 813-823.	0.7	151
74	Targeting Nrf2-Mediated Gene Transcription by Extremely Potent Synthetic Triterpenoids Attenuate Dopaminergic Neurotoxicity in the MPTP Mouse Model of Parkinson's Disease. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 139-157.	2.5	150
75	Regulation of phase 2 enzyme induction by oltipraz and other dithiolethiones. <i>Carcinogenesis</i> , 1994, 15, 177-181.	1.3	149
76	Development of Cancer Chemopreventive Agents: Oltipraz as a Paradigm. <i>Chemical Research in Toxicology</i> , 1999, 12, 113-126.	1.7	146
77	Chemoprevention of hepatocellular carcinoma in aflatoxin endemic areas. <i>Gastroenterology</i> , 2004, 127, S310-S318.	0.6	144
78	Disruption of Nrf2 Impairs the Resolution of Hyperoxia-Induced Acute Lung Injury and Inflammation in Mice. <i>Journal of Immunology</i> , 2009, 182, 7264-7271.	0.4	144
79	Protection of Humans by Plant Glucosinolates: Efficiency of Conversion of Glucosinolates to Isothiocyanates by the Gastrointestinal Microflora. <i>Cancer Prevention Research</i> , 2012, 5, 603-611.	0.7	144
80	Genetic or Pharmacologic Amplification of Nrf2 Signaling Inhibits Acute Inflammatory Liver Injury in Mice. <i>Toxicological Sciences</i> , 2008, 104, 218-227.	1.4	143
81	The dynamin-related GTPase Opa1 is required for glucose-stimulated ATP production in pancreatic beta cells. <i>Molecular Biology of the Cell</i> , 2011, 22, 2235-2245.	0.9	142
82	NRF2 Induction Supporting Breast Cancer Cell Survival Is Enabled by Oxidative Stress-Induced DPP3-KEAP1 Interaction. <i>Cancer Research</i> , 2017, 77, 2881-2892.	0.4	138
83	Antimalarial, Antiproliferative, and Antitumor Activities of Artemisinin-Derived, Chemically Robust, Trioxane Dimers. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4275-4280.	2.9	136
84	Hydrogen gas reduces hyperoxic lung injury via the Nrf2 pathway in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L646-L656.	1.3	132
85	Disruption of the Transcription Factor Nrf2 Promotes Pro-Oxidative Dendritic Cells That Stimulate Th2-Like Immunosensitiveness upon Activation by Ambient Particulate Matter. <i>Journal of Immunology</i> , 2008, 181, 4545-4559.	0.4	131
86	Divergent responses of chondrocytes and endothelial cells to shear stress: Cross-talk among COX-2, the phase 2 response, and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14010-14015.	3.3	130
87	Transforming Cancer Prevention through Precision Medicine and Immune-oncology. <i>Cancer Prevention Research</i> , 2016, 9, 2-10.	0.7	130
88	Preclinical Evaluation of Targeting the Nrf2 Pathway by Triterpenoids (CDDO-Im and CDDO-Me) for Protection from LPS-Induced Inflammatory Response and Reactive Oxygen Species in Human Peripheral Blood Mononuclear Cells and Neutrophils. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1963-1970.	2.5	128
89	The light at the end of the tunnel for chemical-specific biomarkers: daylight or headlight?. <i>Carcinogenesis</i> , 1999, 20, 1-11.	1.3	126
90	Genetic Mutations Associated with Cigarette Smoking in Pancreatic Cancer. <i>Cancer Research</i> , 2009, 69, 3681-3688.	0.4	126

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91	Myeloperoxidase as a biomarker of skin irritation and inflammation. <i>Food and Chemical Toxicology</i> , 1994, 32, 143-147.	1.8	125
92	Vitamin D and Vitamin D Analogs as Cancer Chemopreventive Agents. <i>Nutrition Reviews</i> , 2003, 61, 227-238.	2.6	125
93	Role of increased expression of the proteasome in the protective effects of sulforaphane against hydrogen peroxide-mediated cytotoxicity in murine neuroblastoma cells. <i>Free Radical Biology and Medicine</i> , 2007, 43, 809-817.	1.3	125
94	Reduced Aflatoxin Exposure Presages Decline in Liver Cancer Mortality in an Endemic Region of China. <i>Cancer Prevention Research</i> , 2013, 6, 1038-1045.	0.7	125
95	Nrf2-dependent sulfiredoxin-1 expression protects against cigarette smoke-induced oxidative stress in lungs. <i>Free Radical Biology and Medicine</i> , 2009, 46, 376-386.	1.3	122
96	Isothiocyanates: Translating the Power of Plants to People. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700965.	1.5	116
97	Antioxidative Function and Substrate Specificity of NAD(P)H- dependent Alkenal/one Oxidoreductase. <i>Journal of Biological Chemistry</i> , 2001, 276, 40803-40810.	1.6	113
98	Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China. <i>Carcinogenesis</i> , 2012, 33, 101-107.	1.3	108
99	Frugal chemoprevention: targeting Nrf2 with foods rich in sulforaphane. <i>Seminars in Oncology</i> , 2016, 43, 146-153.	0.8	108
100	The Nrf2 triterpenoid activator, CDDO-imidazolide, protects kidneys from ischemia-reperfusion injury in mice. <i>Kidney International</i> , 2014, 85, 134-141.	2.6	106
101	Mimetics of Caloric Restriction Include Agonists of Lipid-activated Nuclear Receptors. <i>Journal of Biological Chemistry</i> , 2004, 279, 46204-46212.	1.6	105
102	Notch-Nrf2 Axis: Regulation of Nrf2 Gene Expression and Cytoprotection by Notch Signaling. <i>Molecular and Cellular Biology</i> , 2014, 34, 653-663.	1.1	105
103	Present and future directions of translational research on aflatoxin and hepatocellular carcinoma. A review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 249-257.	1.1	104
104	Genetic and Pharmacologic Evidence Links Oxidative Stress to Ventilator-induced Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 1222-1235.	2.5	103
105	Inhibition of nuclear factor-erythroid 2-related factor (Nrf2) by caveolin-1 promotes stress-induced premature senescence. <i>Molecular Biology of the Cell</i> , 2013, 24, 1852-1862.	0.9	103
106	Potent, Selective and Low-Calcemic Inhibitors of CYP24 Hydroxylase: 24-Sulfoximine Analogues of the Hormone 1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> . <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6854-6863.	2.9	101
107	Genetic dissection of the Nrf2-dependent redox signaling-regulated transcriptional programs of cell proliferation and cytoprotection. <i>Physiological Genomics</i> , 2007, 32, 74-81.	1.0	100
108	Chlorophyll, chlorophyllin and related tetrapyrroles are significant inducers of mammalian phase 2 cytoprotective genes. <i>Carcinogenesis</i> , 2005, 26, 1247-1255.	1.3	99

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109	CANCER CHEMOPREVENTION USING NATURAL VITAMIN D AND SYNTHETIC ANALOGS. Annual Review of Pharmacology and Toxicology, 2001, 41, 421-442.	4.2	98
110	Role of metabolism and viruses in aflatoxin-induced liver cancer. Toxicology and Applied Pharmacology, 2005, 206, 131-137.	1.3	98
111	The NRF2-heme oxygenase-1 system modulates cyclosporin A-induced epithelial-mesenchymal transition and renal fibrosis. Free Radical Biology and Medicine, 2010, 48, 1051-1063.	1.3	98
112	Potent inhibition of aflatoxin-induced hepatic tumorigenesis by the monofunctional enzyme inducer l,2-dithiole-3-thione. Carcinogenesis, 1992, 13, 95-100.	1.3	94
113	Preneoplastic Prostate Lesions. Annals of the New York Academy of Sciences, 2001, 952, 135-144.	1.8	93
114	Quantification of Aflatoxin-B1-N7-Guanine in Human Urine by High-Performance Liquid Chromatography and Isotope Dilution Tandem Mass Spectrometry. Chemical Research in Toxicology, 2006, 19, 1191-1195.	1.7	93
115	Antioxidant-Inducible Genes. Advances in Pharmacology, 1996, 38, 293-328.	1.2	89
116	Global Risk Assessment of Aflatoxins in Maize and Peanuts: Are Regulatory Standards Adequately Protective?. Toxicological Sciences, 2013, 135, 251-259.	1.4	89
117	Crosstalk between Nrf2 and Notch signaling. Free Radical Biology and Medicine, 2015, 88, 158-167.	1.3	89
118	GSTA1 expression in normal, preneoplastic, and neoplastic human prostate tissue. Prostate, 2001, 49, 30-37.	1.2	88
119	Natural chlorophyll inhibits aflatoxin B1-induced multi-organ carcinogenesis in the rat. Carcinogenesis, 2007, 28, 1294-1302.	1.3	88
120	Deficiency in Nrf2-GSH Signaling Impairs Type II Cell Growth and Enhances Sensitivity to Oxidants. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 3-8.	1.4	88
121	Prospective detection of codon 249 mutations in plasma of hepatocellular carcinoma patients. Carcinogenesis, 2003, 24, 1657-1663.	1.3	87
122	Asymptomatic Primary Merkel Cell Polyomavirus Infection among Adults. Emerging Infectious Diseases, 2011, 17, 1371-1380.	2.0	86
123	Nrf2 deficiency prevents reductive stress-induced hypertrophic cardiomyopathy. Cardiovascular Research, 2013, 100, 63-73.	1.8	86
124	Aflatoxin and hepatitis B virus biomarkers: A paradigm for complex environmental exposures and cancer risk. Cancer Biomarkers, 2005, 1, 5-14.	0.8	85
125	NRF2 regulates core and stabilizing circadian clock loops, coupling redox and timekeeping in Mus musculus. ELife, 2018, 7, .	2.8	84
126	<i>Withania somnifera</i>: From prevention to treatment of cancer. Molecular Nutrition and Food Research, 2016, 60, 1342-1353.	1.5	82

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127	Keap1/Nrf2 pathway activation leads to a repressed hepatic gluconeogenic and lipogenic program in mice on a high-fat diet. Archives of Biochemistry and Biophysics, 2016, 591, 57-65.	1.4	82
128	Cancer Prevention: Obstacles, Challenges, and the Road Ahead. Journal of the National Cancer Institute, 2016, 108, .	3.0	82
129	Identification and Characterization of Chlorin e4 Ethyl Ester in Sera of Individuals Participating in the Chlorophyllin Chemoprevention Trial. Chemical Research in Toxicology, 2000, 13, 900-906.	1.7	81
130	Chemoprevention with chlorophyllin in individuals exposed to dietary aflatoxin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 523-524, 209-216.	0.4	81
131	Molecular dosimetry of urinary aflatoxin-N7-guanine and serum aflatoxin-albumin adducts predicts chemoprotection by l,2-dithiole-3-thione in rats. Carcinogenesis, 1992, 13, 101-106.	1.3	80
132	Antiproliferative Hybrid Analogs of the Hormone 1 $\beta$ ,25-Dihydroxyvitamin D <sub>3</sub> : $\hat{A}$ Design, Synthesis, and Preliminary Biological Evaluation $\hat{E}$ . Journal of Organic Chemistry, 1997, 62, 3299-3314.	1.7	80
133	Activation of the astrocytic Nrf2/ARE system ameliorates the formation of demyelinating lesions in a multiple sclerosis animal model. Glia, 2016, 64, 2219-2230.	2.5	80
134	Induction of phase 2 enzymes by serum oxidized polyamines through activation of Nrf2: effect of the polyamine metabolite acrolein. Biochemical and Biophysical Research Communications, 2003, 305, 662-670.	1.0	79
135	Prevention of Carcinogen-Induced Oral Cancer by Sulforaphane. Cancer Prevention Research, 2016, 9, 547-557.	0.7	77
136	New Player on An Old Field; the Keap1/Nrf2 Pathway as a Target for Treatment of Type 2 Diabetes and Metabolic Syndrome. Current Diabetes Reviews, 2013, 9, 137-145.	0.6	77
137	The Transcriptional Response to a Peroxisome Proliferator-activated Receptor $\hat{I}$ Agonist Includes Increased Expression of Proteome Maintenance Genes. Journal of Biological Chemistry, 2004, 279, 52390-52398.	1.6	75
138	Isolation of cDNAs representing dithiolethione-responsive genes. Carcinogenesis, 1996, 17, 2297-2303.	1.3	74
139	Transcription factor Nrf2 maintains the basal expression of Mdm2: An implication of the regulation of p53 signaling by Nrf2. Archives of Biochemistry and Biophysics, 2011, 507, 356-364.	1.4	74
140	Withaferin A induces Nrf2-dependent protection against liver injury: Role of Keap1-independent mechanisms. Free Radical Biology and Medicine, 2016, 101, 116-128.	1.3	74
141	Inhibition of estrogen signaling activates the NRF2 pathway in breast cancer. Breast Cancer Research and Treatment, 2010, 124, 585-591.	1.1	73
142	New vitamin D <sub>3</sub> derivatives with unexpected antiproliferative activity: 1-(hydroxymethyl)-25-hydroxyvitamin D <sub>3</sub> homologs. Journal of Medicinal Chemistry, 1992, 35, 3280-3287.	2.9	71
143	NF $\hat{E}$ 2 $\hat{E}$ -related factor 2 regulates the stress response to UVA $\hat{E}$ oxidized phospholipids in skin cells. FASEB Journal, 2010, 24, 39-48.	0.2	71
144	Noncalcemic, Antiproliferative, Transcriptionally Active, 24-Fluorinated Hybrid Analogues of the Hormone 1 $\beta$ ,25-Dihydroxyvitamin D <sub>3</sub> . Synthesis and Preliminary Biological Evaluation. Journal of Medicinal Chemistry, 1998, 41, 3008-3014.	2.9	70

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145	Oltipraz: Clinical opportunities for cancer chemoprevention. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 101-107.	1.2	69
146	Effects of a biomimetic superoxide dismutase on complete and multistage carcinogenesis in mouse skin. <i>Carcinogenesis</i> , 1985, 6, 1167-1172.	1.3	67
147	Role of the benzoyloxy radical in DNA damage mediated by benzoyl peroxide. <i>Chemical Research in Toxicology</i> , 1991, 4, 223-228.	1.7	67
148	Nrf2 is a critical modulator of the innate immune response in a model of uveitis. <i>Free Radical Biology and Medicine</i> , 2009, 47, 300-306.	1.3	67
149	Cell stiffness, contractile stress and the role of extracellular matrix. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 697-703.	1.0	67
150	Induction of hepatic heme oxygenase-1 and ferritin in rats by cancer chemopreventive dithiolethiones. <i>Carcinogenesis</i> , 1996, 17, 2291-2296.	1.3	66
151	Modulation of Nitro-fatty Acid Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 25626-25637.	1.6	65
152	The Triterpenoid CDDO-Imidazolide Confers Potent Protection against Hyperoxic Acute Lung Injury in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 867-874.	2.5	64
153	Complete Protection against Aflatoxin B1-Induced Liver Cancer with a Triterpenoid: DNA Adduct Dosimetry, Molecular Signature, and Genotoxicity Threshold. <i>Cancer Prevention Research</i> , 2014, 7, 658-665.	0.7	63
154	Innate Immunity against Bacterial Infection following Hyperoxia Exposure Is Impaired in NRF2-Deficient Mice. <i>Journal of Immunology</i> , 2009, 183, 4601-4608.	0.4	62
155	Keap1/Nrf2 pathway in the frontiers of cancer and non-cancer cell metabolism. <i>Biochemical Society Transactions</i> , 2015, 43, 639-644.	1.6	62
156	Quantification of Sulforaphane Mercapturic Acid Pathway Conjugates in Human Urine by High-Performance Liquid Chromatography and Isotope-Dilution Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2008, 21, 1991-1996.	1.7	60
157	Notes from the Field: "Green" Chemoprevention as Frugal Medicine. <i>Cancer Prevention Research</i> , 2012, 5, 179-188.	0.7	58
158	Generation of a New Model Rat: Nrf2 Knockout Rats Are Sensitive to Aflatoxin B <sub>1</sub> Toxicity. <i>Toxicological Sciences</i> , 2016, 152, 40-52.	1.4	58
159	Induction of Nrf2-regulated genes by 3H-1, 2-dithiole-3-thione through the ERK signaling pathway in murine keratinocytes. <i>European Journal of Pharmacology</i> , 2007, 577, 17-27.	1.7	56
160	Current Landscape of NRF2 Biomarkers in Clinical Trials. <i>Antioxidants</i> , 2020, 9, 716.	2.2	56
161	Conceptually new deltanoids (vitamin D analogs) inhibit multistage skin tumorigenesis. <i>Carcinogenesis</i> , 2000, 21, 1341-1345.	1.3	55
162	Liquid Chromatography Electrospray-Mass Spectrometry of Urinary Aflatoxin Biomarkers: Characterization and Application to Dosimetry and Chemoprevention in Rats. <i>Chemical Research in Toxicology</i> , 2001, 14, 919-926.	1.7	53

#	ARTICLE	IF	CITATIONS
163	Role of Dietary Supplements/Nutraceuticals in Chemoprevention through Induction of Cytoprotective Enzymes. <i>Chemical Research in Toxicology</i> , 2007, 20, 572-576.	1.7	53
164	Trioxane dimers have potent antimalarial, antiproliferative and antitumor activities in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 1257-1265.	1.4	52
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