

# Thomas W Kensler

## List of Publications by Citations

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343  
papers

34,974  
citations

94  
h-index

180  
g-index

354  
ext. papers

38,318  
ext. citations

6.5  
avg, IF

7.24  
L-index

#	Paper	IF	Citations
343	Cell survival responses to environmental stresses via the Keap1-Nrf2-ARE pathway. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2007</b> , 47, 89-116	17.9	2619
342	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> , <b>2001</b> , 98, 3410-5	11.5	940
341	Identification of Nrf2-regulated genes induced by the chemopreventive agent sulforaphane by oligonucleotide microarray. <i>Cancer Research</i> , <b>2002</b> , 62, 5196-203	10.1	876
340	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> , <b>2004</b> , 101, 2040-5	11.5	805
339	Nrf2 is a critical regulator of the innate immune response and survival during experimental sepsis. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 984-95	15.9	724
338	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke-induced emphysema in mice. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 1248-1259	15.9	681
337	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> , <b>2002</b> , 99, 7610-5	11.5	630
336	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> , <b>1994</b> , 91, 3147-50	11.5	609
335	Role of NRF2 in protection against hyperoxic lung injury in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2002</b> , 26, 175-82	5.7	564
334	Modulation of gene expression by cancer chemopreventive dithiolethiones through the Keap1-Nrf2 pathway. Identification of novel gene clusters for cell survival. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 8135-45	5.4	555
333	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> , <b>2010</b> , 38, 5718-34	20.1	539
332	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. <i>Physiological Reviews</i> , <b>2018</b> , 98, 1169-1203	47.9	533
331	Disruption of Nrf2 enhances susceptibility to severe airway inflammation and asthma in mice. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 47-59	16.6	485
330	Therapeutic targeting of the NRF2 and KEAP1 partnership in chronic diseases. <i>Nature Reviews Drug Discovery</i> , <b>2019</b> , 18, 295-317	64.1	476
329	The dynamin-related GTPase Drp1 is required for embryonic and brain development in mice. <i>Journal of Cell Biology</i> , <b>2009</b> , 186, 805-16	7.3	456
328	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> , <b>2002</b> , 22, 2883-92	4.8	454
327	When NRF2 talks, who's listening?. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 13, 1649-63	8.4	451

326	Genetic ablation of Nrf2 enhances susceptibility to cigarette smoke-induced emphysema in mice. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 1248-59	15.9	431
325	Aflatoxin: a 50-year odyssey of mechanistic and translational toxicology. <i>Toxicological Sciences</i> , <b>2011</b> , 120 Suppl 1, S28-48	4.4	422
324	Nrf2 signaling: an adaptive response pathway for protection against environmental toxic insults. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2008</b> , 659, 31-9	7	405
323	Antioxidants enhance mammalian proteasome expression through the Keap1-Nrf2 signaling pathway. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 8786-94	4.8	389
322	Nrf2: friend or foe for chemoprevention?. <i>Carcinogenesis</i> , <b>2010</b> , 31, 90-9	4.6	374
321	Identification of a novel macrophage phenotype that develops in response to atherogenic phospholipids via Nrf2. <i>Circulation Research</i> , <b>2010</b> , 107, 737-46	15.7	366
320	Oxidative mechanisms in carcinogenesis. <i>British Medical Bulletin</i> , <b>1993</b> , 49, 523-44	5.4	328
319	The role of Keap1 in cellular protective responses. <i>Chemical Research in Toxicology</i> , <b>2005</b> , 18, 1779-91	4	318
318	Hepatocyte-specific deletion of the keap1 gene activates Nrf2 and confers potent resistance against acute drug toxicity. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 339, 79-88	3.4	301
317	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> , <b>2001</b> , 7, 135-145	6.2	292
316	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> , <b>2009</b> , 106, 250-5	11.5	286
315	An overview of the relationship between oxidative stress and chemical carcinogenesis. <i>Free Radical Biology and Medicine</i> , <b>1991</b> , 10, 201-9	7.8	273
314	Nrf2-dependent protection from LPS induced inflammatory response and mortality by CDDO-Imidazolide. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 351, 883-9	3.4	272
313	Preclinical and clinical evaluation of sulforaphane for chemoprevention in the breast. <i>Carcinogenesis</i> , <b>2007</b> , 28, 1485-90	4.6	256
312	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> , <b>1999</b> , 91, 347-54	9.7	250
311	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> , <b>2005</b> , 14, 2605-13	4	245
310	Inhibition of tumor promotion by a biomimetic superoxide dismutase. <i>Science</i> , <b>1983</b> , 221, 75-7	33.3	239
309	Targeting NRF2 signaling for cancer chemoprevention. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 244, 66-76	4.6	238

308	Pharmacodynamic characterization of chemopreventive triterpenoids as exceptionally potent inducers of Nrf2-regulated genes. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 154-62	6.1	237
307	NRF2 modulates aryl hydrocarbon receptor signaling: influence on adipogenesis. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 7188-97	4.8	235
306	Chemoprevention through the Keap1-Nrf2 signaling pathway by phase 2 enzyme inducers. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2004</b> , 555, 133-48	3.3	232
305	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> , <b>2001</b> , 98, 14601-6	11.5	226
304	Genetic versus chemoprotective activation of Nrf2 signaling: overlapping yet distinct gene expression profiles between Keap1 knockout and triterpenoid-treated mice. <i>Carcinogenesis</i> , <b>2009</b> , 30, 1024-31	4.6	221
303	Keap1-nrf2 signaling: a target for cancer prevention by sulforaphane. <i>Topics in Current Chemistry</i> , <b>2013</b> , 329, 163-77		215
302	The Keap1-Nrf2 system prevents onset of diabetes mellitus. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 2996-3010	4.8	215
301	Role of Nrf2 in prevention of high-fat diet-induced obesity by synthetic triterpenoid CDDO-imidazolide. <i>European Journal of Pharmacology</i> , <b>2009</b> , 620, 138-44	5.3	208
300	Mitochondrial division ensures the survival of postmitotic neurons by suppressing oxidative damage. <i>Journal of Cell Biology</i> , <b>2012</b> , 197, 535-51	7.3	194
299	Role of phase 2 enzyme induction in chemoprotection by dithiolethiones. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2001</b> , 480-481, 305-15	3.3	194
298	Validation of the multiple sensor mechanism of the Keap1-Nrf2 system. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 817-27	7.8	189
297	The flavanol (-)-epicatechin prevents stroke damage through the Nrf2/HO1 pathway. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2010</b> , 30, 1951-61	7.3	183
296	Protective interventions to prevent aflatoxin-induced carcinogenesis in developing countries. <i>Annual Review of Public Health</i> , <b>2008</b> , 29, 187-203	20.6	183
295	Nrf2 mediates cancer protection but not longevity induced by caloric restriction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2325-30	11.5	181
294	Nrf2: control of sensitivity to carcinogens. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 273-84	5.8	180
293	Glutathione peroxidase 2, the major cigarette smoke-inducible isoform of GPX in lungs, is regulated by Nrf2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2006</b> , 35, 639-50	5.7	172
292	Translational strategies for cancer prevention in liver. <i>Nature Reviews Cancer</i> , <b>2003</b> , 3, 321-9	31.3	172
291	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. <i>Cancer Research</i> , <b>2006</b> , 66, 2488-94	10.1	171

290	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. <i>Cancer</i> , <b>1993</b> , 72, 432-8	6.4	169
289	Role of Nrf2 in protection against intracerebral hemorrhage injury in mice. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 408-14	7.8	168
288	Role of reactive oxygen species in modulation of Nrf2 following ischemic reperfusion injury. <i>Neuroscience</i> , <b>2007</b> , 147, 53-9	3.9	159
287	Aflatoxin exposure in human populations: measurements and relationship to cancer. <i>CRC Critical Reviews in Toxicology</i> , <b>1988</b> , 19, 113-45		159
286	Modification of aflatoxin B1 binding to DNA in vivo in rats fed phenolic antioxidants, ethoxyquin and a dithiothione. <i>Carcinogenesis</i> , <b>1985</b> , 6, 759-63	4.6	159
285	Linkage analysis of susceptibility to hyperoxia. Nrf2 is a candidate gene. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2002</b> , 26, 42-51	5.7	157
284	In vivo modulation of the Parkinsonian phenotype by Nrf2. <i>NeuroToxicology</i> , <b>2006</b> , 27, 1094-100	4.4	154
283	Increased colonic inflammatory injury and formation of aberrant crypt foci in Nrf2-deficient mice upon dextran sulfate treatment. <i>International Journal of Cancer</i> , <b>2007</b> , 121, 1883-91	7.5	153
282	Role of oxygen radicals in tumor promotion. <i>Environmental Mutagenesis</i> , <b>1984</b> , 6, 593-616		152
281	Regulation of notch1 signaling by nrf2: implications for tissue regeneration. <i>Science Signaling</i> , <b>2010</b> , 3, ra52	8.8	151
280	Nrf2 as a target for cancer chemoprevention. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2005</b> , 591, 93-102	3.3	151
279	Transcriptomic and proteomic profiling of KEAP1 disrupted and sulforaphane-treated human breast epithelial cells reveals common expression profiles. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 132, 175-87	4.4	148
278	Specific mutations of hepatitis B virus in plasma predict liver cancer development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3575-80	11.5	146
277	Nrf2 regulates an adaptive response protecting against oxidative damage following diquat-mediated formation of superoxide anion. <i>Archives of Biochemistry and Biophysics</i> , <b>2006</b> , 454, 7-15 <sup>4.1</sup>		145
276	Interactive effects of nrf2 genotype and oltipraz on benzo[a]pyrene-DNA adducts and tumor yield in mice. <i>Carcinogenesis</i> , <b>2003</b> , 24, 461-7	4.6	145
275	Free radicals in tumor promotion. <i>Advances in Free Radical Biology &amp; Medicine</i> , <b>1986</b> , 2, 347-387		145
274	Bioavailability of Sulforaphane from two broccoli sprout beverages: results of a short-term, cross-over clinical trial in Qidong, China. <i>Cancer Prevention Research</i> , <b>2011</b> , 4, 384-95	3.2	144
273	Development of cancer chemopreventive agents: oltipraz as a paradigm. <i>Chemical Research in Toxicology</i> , <b>1999</b> , 12, 113-26	4	138

272	Regulation of phase 2 enzyme induction by oltipraz and other dithiolethiones. <i>Carcinogenesis</i> , <b>1994</b> , 15, 177-81	4.6	137
271	Genetic or pharmacologic amplification of nrf2 signaling inhibits acute inflammatory liver injury in mice. <i>Toxicological Sciences</i> , <b>2008</b> , 104, 218-27	4.4	129
270	Antimalarial, antiproliferative, and antitumor activities of artemisinin-derived, chemically robust, trioxane dimers. <i>Journal of Medicinal Chemistry</i> , <b>1999</b> , 42, 4275-80	8.3	129
269	KEAP1 and Done? Targeting the NRF2 Pathway with Sulforaphane. <i>Trends in Food Science and Technology</i> , <b>2017</b> , 69, 257-269	15.3	128
268	Disruption of Nrf2 impairs the resolution of hyperoxia-induced acute lung injury and inflammation in mice. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7264-71	5.3	126
267	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> , <b>2013</b> , 18, 139-57	8.4	125
266	Rapid and sustainable detoxication of airborne pollutants by broccoli sprout beverage: results of a randomized clinical trial in China. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 813-823	3.2	124
265	Chemoprevention of hepatocellular carcinoma in aflatoxin endemic areas. <i>Gastroenterology</i> , <b>2004</b> , 127, S310-8	13.3	122
264	Protection of humans by plant glucosinolates: efficiency of conversion of glucosinolates to isothiocyanates by the gastrointestinal microflora. <i>Cancer Prevention Research</i> , <b>2012</b> , 5, 603-11	3.2	121
263	Disruption of the transcription factor Nrf2 promotes pro-oxidative dendritic cells that stimulate Th2-like immunoresponsiveness upon activation by ambient particulate matter. <i>Journal of Immunology</i> , <b>2008</b> , 181, 4545-59	5.3	116
262	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> , <b>2007</b> , 9, 1963-70	8.4	115
261	The dynamin-related GTPase Opa1 is required for glucose-stimulated ATP production in pancreatic beta cells. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 2235-45	3.5	111
260	Vitamin D and vitamin D analogs as cancer chemopreventive agents. <i>Nutrition Reviews</i> , <b>2003</b> , 61, 227-38	6.4	111
259	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> , <b>2005</b> , 102, 14010-5	11.5	111
258	Myeloperoxidase as a biomarker of skin irritation and inflammation. <i>Food and Chemical Toxicology</i> , <b>1994</b> , 32, 143-7	4.7	111
257	Hydrogen gas reduces hyperoxic lung injury via the Nrf2 pathway in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 304, L646-56	5.8	108
256	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> , <b>2007</b> , 43, 809-17	7.8	107
255	The light at the end of the tunnel for chemical-specific biomarkers: daylight or headlight?. <i>Carcinogenesis</i> , <b>1999</b> , 20, 1-11	4.6	107

254	Antioxidative function and substrate specificity of NAD(P)H-dependent alkenal/one oxidoreductase. A new role for leukotriene B4 12-hydroxydehydrogenase/15-oxoprostaglandin 13-reductase. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 40803-10	5.4	104
253	Broccoli or Sulforaphane: Is It the Source or Dose That Matters?. <i>Molecules</i> , <b>2019</b> , 24,	4.8	103
252	Transforming Cancer Prevention through Precision Medicine and Immune-oncology. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 2-10	3.2	101
251	Reduced aflatoxin exposure presages decline in liver cancer mortality in an endemic region of China. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 1038-45	3.2	98
250	Nrf2-dependent sulfiredoxin-1 expression protects against cigarette smoke-induced oxidative stress in lungs. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 376-86	7.8	97
249	Modulation of the metabolism of airborne pollutants by glucoraphanin-rich and sulforaphane-rich broccoli sprout beverages in Qidong, China. <i>Carcinogenesis</i> , <b>2012</b> , 33, 101-7	4.6	94
248	Mimetics of caloric restriction include agonists of lipid-activated nuclear receptors. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 46204-12	5.4	94
247	Potent, selective and low-calcemic inhibitors of CYP24 hydroxylase: 24-sulfoximine analogues of the hormone 1 $\alpha$ ,25-dihydroxyvitamin D(3). <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 6854-63	8.3	92
246	NRF2 Induction Supporting Breast Cancer Cell Survival Is Enabled by Oxidative Stress-Induced DPP3-KEAP1 Interaction. <i>Cancer Research</i> , <b>2017</b> , 77, 2881-2892	10.1	91
245	Frugal chemoprevention: targeting Nrf2 with foods rich in sulforaphane. <i>Seminars in Oncology</i> , <b>2016</b> , 43, 146-153	5.5	90
244	The NRF2-heme oxygenase-1 system modulates cyclosporin A-induced epithelial-mesenchymal transition and renal fibrosis. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1051-63	7.8	90
243	Genetic and pharmacologic evidence links oxidative stress to ventilator-induced lung injury in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 1222-35	10.2	89
242	Genetic mutations associated with cigarette smoking in pancreatic cancer. <i>Cancer Research</i> , <b>2009</b> , 69, 3681-8	10.1	88
241	Genetic dissection of the Nrf2-dependent redox signaling-regulated transcriptional programs of cell proliferation and cytoprotection. <i>Physiological Genomics</i> , <b>2007</b> , 32, 74-81	3.6	88
240	Potent inhibition of aflatoxin-induced hepatic tumorigenesis by the monofunctional enzyme inducer 1,2-dithiole-3-thione. <i>Carcinogenesis</i> , <b>1992</b> , 13, 95-100	4.6	88
239	Notch-Nrf2 axis: regulation of Nrf2 gene expression and cytoprotection by notch signaling. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 653-63	4.8	86
238	Cancer chemoprevention using natural vitamin D and synthetic analogs. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2001</b> , 41, 421-42	17.9	86
237	The Nrf2 triterpenoid activator, CDDO-imidazolide, protects kidneys from ischemia-reperfusion injury in mice. <i>Kidney International</i> , <b>2014</b> , 85, 134-41	9.9	85

236	Role of metabolism and viruses in aflatoxin-induced liver cancer. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 206, 131-7	4.6	85
235	Chlorophyll, chlorophyllin and related tetrapyrroles are significant inducers of mammalian phase 2 cytoprotective genes. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1247-55	4.6	85
234	Inhibition of nuclear factor-erythroid 2-related factor (Nrf2) by caveolin-1 promotes stress-induced premature senescence. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 1852-62	3.5	84
233	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> , <b>2012</b> , 29, 249-57	3.2	82
232	Preneoplastic prostate lesions: an opportunity for prostate cancer prevention. <i>Annals of the New York Academy of Sciences</i> , <b>2001</b> , 952, 135-44	6.5	82
231	Quantification of aflatoxin-B1-N7-Guanine in human urine by high-performance liquid chromatography and isotope dilution tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , <b>2006</b> , 19, 1191-5	4	79
230	Prospective detection of codon 249 mutations in plasma of hepatocellular carcinoma patients. <i>Carcinogenesis</i> , <b>2003</b> , 24, 1657-63	4.6	79
229	Deficiency in Nrf2-GSH signaling impairs type II cell growth and enhances sensitivity to oxidants. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2007</b> , 37, 3-8	5.7	78
228	Molecular dosimetry of urinary aflatoxin-N7-guanine and serum aflatoxin-albumin adducts predicts chemoprotection by 1,2-dithiole-3-thione in rats. <i>Carcinogenesis</i> , <b>1992</b> , 13, 101-6	4.6	78
227	Isothiocyanates: Translating the Power of Plants to People. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1700965	5.9	77
226	Antioxidant-inducible genes. <i>Advances in Pharmacology</i> , <b>1997</b> , 38, 293-328	5.7	77
225	Antiproliferative Hybrid Analogs of the Hormone 1alpha,25-Dihydroxyvitamin D(3): Design, Synthesis, and Preliminary Biological Evaluation. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 3299-3314	4.2	74
224	GSTA1 expression in normal, preneoplastic, and neoplastic human prostate tissue. <i>Prostate</i> , <b>2001</b> , 49, 30-7	4.2	73
223	Global risk assessment of aflatoxins in maize and peanuts: are regulatory standards adequately protective?. <i>Toxicological Sciences</i> , <b>2013</b> , 135, 251-9	4.4	72
222	Aflatoxin and hepatitis B virus biomarkers: a paradigm for complex environmental exposures and cancer risk. <i>Cancer Biomarkers</i> , <b>2005</b> , 1, 5-14	3.8	71
221	Natural chlorophyll inhibits aflatoxin B1-induced multi-organ carcinogenesis in the rat. <i>Carcinogenesis</i> , <b>2007</b> , 28, 1294-302	4.6	70
220	The transcriptional response to a peroxisome proliferator-activated receptor alpha agonist includes increased expression of proteome maintenance genes. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 52390-8	5.4	69
219	New player on an old field; the keep1/Nrf2 pathway as a target for treatment of type 2 diabetes and metabolic syndrome. <i>Current Diabetes Reviews</i> , <b>2013</b> , 9, 137-45	2.7	69



218	Isolation of cDNAs representing dithiolethione-responsive genes. <i>Carcinogenesis</i> , <b>1996</b> , 17, 2297-303	4.6	68
217	Identification and characterization of chlorin e(4) ethyl ester in sera of individuals participating in the chlorophyllin chemoprevention trial. <i>Chemical Research in Toxicology</i> , <b>2000</b> , 13, 900-6	4	68
216	New vitamin D3 derivatives with unexpected antiproliferative activity: 1-(hydroxymethyl)-25-hydroxyvitamin D3 homologs. <i>Journal of Medicinal Chemistry</i> , <b>1992</b> , 35, 3280-7	8.3	67
215	Crosstalk between Nrf2 and Notch signaling. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 88, 158-167	7.8	66
214	NF-E2-related factor 2 regulates the stress response to UVA-1-oxidized phospholipids in skin cells. <i>FASEB Journal</i> , <b>2010</b> , 24, 39-48	0.9	66
213	Asymptomatic primary Merkel cell polyomavirus infection among adults. <i>Emerging Infectious Diseases</i> , <b>2011</b> , 17, 1371-80	10.2	66
212	Induction of phase 2 enzymes by serum oxidized polyamines through activation of Nrf2: effect of the polyamine metabolite acrolein. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 305, 662-70	3.4	66
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210	Effects of a biomimetic superoxide dismutase on complete and multistage carcinogenesis in mouse skin. <i>Carcinogenesis</i> , <b>1985</b> , 6, 1167-72	4.6	64
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2 Environmental Factors **2014**, 127-141

1 Dietary Factors Regulate Metabolism of Carcinogens through Transcriptional Signaling Pathways 109-120