

Young-Joon Surh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1585787/young-joon-surh-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

367
papers

23,843
citations

78
h-index

144
g-index

380
ext. papers

25,830
ext. citations

5.2
avg, IF

7.4
L-index

#	Paper	IF	Citations
367	Cancer chemoprevention with dietary phytochemicals. <i>Nature Reviews Cancer</i> , 2003 , 3, 768-80	31.3	2222
366	Molecular mechanisms underlying chemopreventive activities of anti-inflammatory phytochemicals: down-regulation of COX-2 and iNOS through suppression of NF-kappa B activation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 480-481, 243-68	3.3	1166
365	Nrf2 as a master redox switch in turning on the cellular signaling involved in the induction of cytoprotective genes by some chemopreventive phytochemicals. <i>Planta Medica</i> , 2008 , 74, 1526-39	3.1	621
364	Inflammation: gearing the journey to cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2008 , 659, 15-30	7	583
363	A protective role of nuclear factor-erythroid 2-related factor-2 (Nrf2) in inflammatory disorders. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 690, 12-23	3.3	482
362	Molecular mechanisms of chemopreventive effects of selected dietary and medicinal phenolic substances. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 428, 305-37	3.7	445
361	Nrf2 as a novel molecular target for chemoprevention. <i>Cancer Letters</i> , 2005 , 224, 171-84	9.9	429
360	Anti-tumor promoting potential of selected spice ingredients with antioxidative and anti-inflammatory activities: a short review. <i>Food and Chemical Toxicology</i> , 2002 , 40, 1091-7	4.7	419
359	Cancer chemopreventive and therapeutic potential of resveratrol: mechanistic perspectives. <i>Cancer Letters</i> , 2008 , 269, 243-61	9.9	384
358	Modulation of Nrf2-mediated antioxidant and detoxifying enzyme induction by the green tea polyphenol EGCG. <i>Food and Chemical Toxicology</i> , 2008 , 46, 1271-8	4.7	364
357	Resveratrol upregulates heme oxygenase-1 expression via activation of NF-E2-related factor 2 in PC12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 993-1000	3.4	359
356	Cancer prevention with natural compounds. <i>Seminars in Oncology</i> , 2010 , 37, 258-81	5.5	350
355	Signal transduction pathways regulating cyclooxygenase-2 expression: potential molecular targets for chemoprevention. <i>Biochemical Pharmacology</i> , 2004 , 68, 1089-100	6	338
354	Protective effect of resveratrol on beta-amyloid-induced oxidative PC12 cell death. <i>Free Radical Biology and Medicine</i> , 2003 , 34, 1100-10	7.8	316
353	Antioxidant and anti-tumor promoting activities of the methanol extract of heat-processed ginseng. <i>Cancer Letters</i> , 2000 , 150, 41-8	9.9	304
352	Resveratrol, an antioxidant present in red wine, induces apoptosis in human promyelocytic leukemia (HL-60) cells. <i>Cancer Letters</i> , 1999 , 140, 1-10	9.9	287
351	Redox-sensitive transcription factors as prime targets for chemoprevention with anti-inflammatory and antioxidative phytochemicals. <i>Journal of Nutrition</i> , 2005 , 135, 2993S-3001S	4.1	265

350	Curcumin attenuates dimethylnitrosamine-induced liver injury in rats through Nrf2-mediated induction of heme oxygenase-1. <i>Food and Chemical Toxicology</i> , 2008 , 46, 1279-87	4.7	232
349	Curcumin inhibits phorbol ester-induced expression of cyclooxygenase-2 in mouse skin through suppression of extracellular signal-regulated kinase activity and NF-kappaB activation. <i>Carcinogenesis</i> , 2003 , 24, 1515-24	4.6	231
348	[6]-Gingerol inhibits COX-2 expression by blocking the activation of p38 MAP kinase and NF-kappaB in phorbol ester-stimulated mouse skin. <i>Oncogene</i> , 2005 , 24, 2558-67	9.2	231
347	(-)-Epigallocatechin gallate induces Nrf2-mediated antioxidant enzyme expression via activation of PI3K and ERK in human mammary epithelial cells. <i>Archives of Biochemistry and Biophysics</i> , 2008 , 476, 171-7	4.7 ¹	226
346	Resveratrol inhibits phorbol ester-induced expression of COX-2 and activation of NF-kappaB in mouse skin by blocking I kappa B kinase activity. <i>Carcinogenesis</i> , 2006 , 27, 1465-74	4.6	226
345	Capsaicin, a double-edged sword: toxicity, metabolism, and chemopreventive potential. <i>Life Sciences</i> , 1995 , 56, 1845-55	6.8	214
344	Inhibitory effects of [6]-gingerol, a major pungent principle of ginger, on phorbol ester-induced inflammation, epidermal ornithine decarboxylase activity and skin tumor promotion in ICR mice. <i>Cancer Letters</i> , 1998 , 129, 139-44	9.9	196
343	Protective effects of resveratrol on hydrogen peroxide-induced apoptosis in rat pheochromocytoma (PC12) cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001 , 496, 181-90	3	185
342	Emerging avenues linking inflammation and cancer. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 2013-37	7.8	184
341	Chemopreventive potential of epigallocatechin gallate and genistein: evidence from epidemiological and laboratory studies. <i>Toxicology Letters</i> , 2004 , 150, 43-56	4.4	174
340	Resveratrol modulates phorbol ester-induced pro-inflammatory signal transduction pathways in mouse skin in vivo: NF-kappaB and AP-1 as prime targets. <i>Biochemical Pharmacology</i> , 2006 , 72, 1506-15	6	168
339	NF-kappaB and Nrf2 as prime molecular targets for chemoprevention and cytoprotection with anti-inflammatory and antioxidant phytochemicals. <i>Genes and Nutrition</i> , 2008 , 2, 313-7	4.3	167
338	Molecular basis of chemoprevention by resveratrol: NF-kappaB and AP-1 as potential targets. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004 , 555, 65-80	3.3	163
337	Molecular basis of heme oxygenase-1 induction: implications for chemoprevention and chemoprotection. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1688-703	8.4	159
336	Induction of apoptosis in HL-60 cells by pungent vanilloids, [6]-gingerol and [6]-paradol. <i>Cancer Letters</i> , 1998 , 134, 163-8	9.9	158
335	[6]-Gingerol prevents UVB-induced ROS production and COX-2 expression in vitro and in vivo. <i>Free Radical Research</i> , 2007 , 41, 603-14	4	156
334	Chemoprotective properties of some pungent ingredients present in red pepper and ginger. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998 , 402, 259-67	3.3	152
333	Heme oxygenase-1 as a potential therapeutic target for hepatoprotection. <i>BMB Reports</i> , 2006 , 39, 479-9	3.5	152

332	Oncogenic potential of Nrf2 and its principal target protein heme oxygenase-1. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 353-65	7.8	151
331	Inhibitory effects of the ginsenoside Rg3 on phorbol ester-induced cyclooxygenase-2 expression, NF-kappaB activation and tumor promotion. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 523-524, 75-85	3.3	146
330	Chemoprotective effects of capsaicin and diallyl sulfide against mutagenesis or tumorigenesis by vinyl carbamate and N-nitrosodimethylamine. <i>Carcinogenesis</i> , 1995 , 16, 2467-71	4.6	140
329	Resveratrol inhibits TCDD-induced expression of CYP1A1 and CYP1B1 and catechol estrogen-mediated oxidative DNA damage in cultured human mammary epithelial cells. <i>Carcinogenesis</i> , 2004 , 25, 2005-13	4.6	137
328	15-deoxy-Delta12,14-prostaglandin J2 as a potential endogenous regulator of redox-sensitive transcription factors. <i>Biochemical Pharmacology</i> , 2006 , 72, 1516-28	6	134
327	Zerumbone, a sesquiterpene in subtropical ginger, suppresses skin tumor initiation and promotion stages in ICR mice. <i>International Journal of Cancer</i> , 2004 , 110, 481-90	7.5	132
326	Nrf2-Keap1 signaling as a potential target for chemoprevention of inflammation-associated carcinogenesis. <i>Pharmaceutical Research</i> , 2010 , 27, 999-1013	4.5	129
325	Up-regulation of Nrf2-mediated heme oxygenase-1 expression by eckol, a phlorotannin compound, through activation of Erk and PI3K/Akt. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 297-305	5.6	126
324	Curcumin suppresses activation of NF-kappaB and AP-1 induced by phorbol ester in cultured human promyelocytic leukemia cells. <i>BMB Reports</i> , 2002 , 35, 337-42	5.5	125
323	Peroxynitrite induces HO-1 expression via PI3K/Akt-dependent activation of NF-E2-related factor 2 in PC12 cells. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1079-91	7.8	120
322	5-Sulfooxymethylfurfural as a possible ultimate mutagenic and carcinogenic metabolite of the Maillard reaction product, 5-hydroxymethylfurfural. <i>Carcinogenesis</i> , 1994 , 15, 2375-7	4.6	120
321	Kolaviron inhibits dimethyl nitrosamine-induced liver injury by suppressing COX-2 and iNOS expression via NF-kappaB and AP-1. <i>Life Sciences</i> , 2009 , 84, 149-55	6.8	118
320	Breaking the relay in deregulated cellular signal transduction as a rationale for chemoprevention with anti-inflammatory phytochemicals. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 591, 123-46	3.3	117
319	Janus-faced role of SIRT1 in tumorigenesis. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1271, 10-9	6.5	112
318	Inhibitory effects of [6]-gingerol on PMA-induced COX-2 expression and activation of NF-kappaB and p38 MAPK in mouse skin. <i>BioFactors</i> , 2004 , 21, 27-31	6.1	111
317	Nitric oxide activates Nrf2 through S-nitrosylation of Keap1 in PC12 cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2011 , 25, 161-8	5	109
316	Role of Nrf2-mediated heme oxygenase-1 upregulation in adaptive survival response to nitrosative stress. <i>Archives of Pharmacal Research</i> , 2009 , 32, 1163-76	6.1	108
315	Inhibitory effects of curcumin and capsaicin on phorbol ester-induced activation of eukaryotic transcription factors, NF-kappaB and AP-1. <i>BioFactors</i> , 2000 , 12, 107-12	6.1	107

314	Inhibition of phorbol ester-induced COX-2 expression by epigallocatechin gallate in mouse skin and cultured human mammary epithelial cells. <i>Journal of Nutrition</i> , 2003 , 133, 3805S-3810S	4.1	106
313	Peroxisome proliferator-activated receptor gamma (PPARgamma) ligands as bifunctional regulators of cell proliferation. <i>Biochemical Pharmacology</i> , 2003 , 66, 1381-91	6	106
312	Vitamin C and cancer chemoprevention: reappraisal. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 1074-8		105
311	Capsaicin induces heme oxygenase-1 expression in HepG2 cells via activation of PI3K-Nrf2 signaling: NAD(P)H:quinone oxidoreductase as a potential target. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 2087-98	8.4	104
310	Capsaicin suppresses phorbol ester-induced activation of NF-kappaB/Rel and AP-1 transcription factors in mouse epidermis. <i>Cancer Letters</i> , 2001 , 164, 119-26	9.9	104
309	Activation of the Maillard reaction product 5-(hydroxymethyl)furfural to strong mutagens via allylic sulfonation and chlorination. <i>Chemical Research in Toxicology</i> , 1994 , 7, 313-8	4	104
308	More than spice: capsaicin in hot chili peppers makes tumor cells commit suicide. <i>Journal of the National Cancer Institute</i> , 2002 , 94, 1263-5	9.7	99
307	15-Deoxy- Δ^14 -prostaglandin J ₂ an electrophilic lipid mediator of anti-inflammatory and pro-resolving signaling. <i>Biochemical Pharmacology</i> , 2011 , 82, 1335-51	6	98
306	Myricetin is a novel natural inhibitor of neoplastic cell transformation and MEK1. <i>Carcinogenesis</i> , 2007 , 28, 1918-27	4.6	96
305	Transcriptional regulation via cysteine thiol modification: a novel molecular strategy for chemoprevention and cytoprotection. <i>Molecular Carcinogenesis</i> , 2006 , 45, 368-80	5	94
304	Nitric oxide induces expression of cyclooxygenase-2 in mouse skin through activation of NF-kappaB. <i>Carcinogenesis</i> , 2004 , 25, 445-54	4.6	94
303	Beta-amyloid-induced apoptosis is associated with cyclooxygenase-2 up-regulation via the mitogen-activated protein kinase-NF-kappaB signaling pathway. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 1604-13	7.8	92
302	Celecoxib inhibits phorbol ester-induced expression of COX-2 and activation of AP-1 and p38 MAP kinase in mouse skin. <i>Carcinogenesis</i> , 2004 , 25, 713-22	4.6	91
301	Potential of cellular antioxidant capacity by Bcl-2: implications for its antiapoptotic function. <i>Biochemical Pharmacology</i> , 2003 , 66, 1371-9	6	91
300	Resveratrol and piceatannol inhibit iNOS expression and NF-kappaB activation in dextran sulfate sodium-induced mouse colitis. <i>Nutrition and Cancer</i> , 2009 , 61, 847-54	2.8	90
299	Carbon monoxide produced by heme oxygenase-1 in response to nitrosative stress induces expression of glutamate-cysteine ligase in PC12 cells via activation of phosphatidylinositol 3-kinase and Nrf2 signaling. <i>Journal of Biological Chemistry</i> , 2007 , 282, 28577-28586	5.4	90
298	Endoplasmic reticulum stress-induced IRE1 α activation mediates cross-talk of GSK-3 β and XBP-1 to regulate inflammatory cytokine production. <i>Journal of Immunology</i> , 2015 , 194, 4498-506	5.3	89
297	Oxidative damages are critical in pathogenesis of reflux esophagitis: implication of antioxidants in its treatment. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 905-15	7.8	88

296	Cancer chemopreventive effects of curcumin. <i>Advances in Experimental Medicine and Biology</i> , 2007 , 595, 149-72	3.6	83
295	Roles of JNK-1 and p38 in selective induction of apoptosis by capsaicin in ras-transformed human breast epithelial cells. <i>International Journal of Cancer</i> , 2003 , 103, 475-82	7.5	83
294	Resolvin D1-mediated NOX2 inactivation rescues macrophages undertaking efferocytosis from oxidative stress-induced apoptosis. <i>Biochemical Pharmacology</i> , 2013 , 86, 759-69	6	82
293	Antioxidative and antitumor promoting effects of [6]-paradol and its homologs. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001 , 496, 199-206	3	82
292	Induction of apoptosis and caspase-3 activation by chemopreventive [6]-paradol and structurally related compounds in KB cells. <i>Cancer Letters</i> , 2002 , 177, 41-7	9.9	81
291	Diallyl trisulfide induces apoptosis in human breast cancer cells through ROS-mediated activation of JNK and AP-1. <i>Biochemical Pharmacology</i> , 2012 , 84, 1241-50	6	80
290	15-Deoxy-Delta(12,14)-prostaglandin J(2) rescues PC12 cells from H2O2-induced apoptosis through Nrf2-mediated upregulation of heme oxygenase-1: potential roles of Akt and ERK1/2. <i>Biochemical Pharmacology</i> , 2008 , 76, 1577-89	6	76
289	Intracellular signaling network as a prime chemopreventive target of (-)-epigallocatechin gallate. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 152-9	5.9	76
288	Metabolic activation of the carcinogen 6-hydroxymethylbenzo[a]pyrene: formation of an electrophilic sulfuric acid ester and benzylic DNA adducts in rat liver in vivo and in reactions in vitro. <i>Carcinogenesis</i> , 1989 , 10, 1519-28	4.6	76
287	Ergothioneine rescues PC12 cells from beta-amyloid-induced apoptotic death. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 288-99	7.8	74
286	Eupatilin, a pharmacologically active flavone derived from Artemisia plants, induces apoptosis in human promyelocytic leukemia cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001 , 496, 191-8	3	73
285	Piceatannol, a catechol-type polyphenol, inhibits phorbol ester-induced NF- κ B activation and cyclooxygenase-2 expression in human breast epithelial cells: cysteine 179 of IKK β as a potential target. <i>Carcinogenesis</i> , 2010 , 31, 1442-9	4.6	71
284	Inhibition of lipid peroxidation and oxidative DNA damage by Ganoderma lucidum. <i>Phytotherapy Research</i> , 2001 , 15, 245-9	6.7	71
283	Docosahexaenoic acid induces M2 macrophage polarization through peroxisome proliferator-activated receptor α activation. <i>Life Sciences</i> , 2015 , 120, 39-47	6.8	69
282	Ginger-derived phenolic substances with cancer preventive and therapeutic potential. <i>Forum of Nutrition</i> , 2009 , 61, 182-192		69
281	Antitumor promotional effects of a novel intestinal bacterial metabolite (IH-901) derived from the protopanaxadiol-type ginsenosides in mouse skin. <i>Carcinogenesis</i> , 2005 , 26, 359-67	4.6	67
280	Inhibitory effects of the extracts of Sutherlandia frutescens (L.) R. Br. and Harpagophytum procumbens DC. on phorbol ester-induced COX-2 expression in mouse skin: AP-1 and CREB as potential upstream targets. <i>Cancer Letters</i> , 2005 , 218, 21-31	9.9	66
279	Resveratrol inhibits phorbol ester-induced cyclooxygenase-2 expression in mouse skin: MAPKs and AP-1 as potential molecular targets. <i>BioFactors</i> , 2004 , 21, 33-9	6.1	66

278	Protective effects of oligomers of grape seed polyphenols against beta-amyloid-induced oxidative cell death. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 317-29	6.5	66
277	Celecoxib induces apoptosis in cervical cancer cells independent of cyclooxygenase using NF-kappaB as a possible target. <i>Journal of Cancer Research and Clinical Oncology</i> , 2004 , 130, 551-60	4.9	66
276	Targeting Nrf2-Keap1 signaling for chemoprevention of skin carcinogenesis with bioactive phytochemicals. <i>Toxicology Letters</i> , 2014 , 229, 73-84	4.4	65
275	Oxidative DNA damage and cytotoxicity induced by copper-stimulated redox cycling of salsolinol, a neurotoxic tetrahydroisoquinoline alkaloid. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1407-17	7.8	65
274	Diallyl trisulfide inhibits phorbol ester-induced tumor promotion, activation of AP-1, and expression of COX-2 in mouse skin by blocking JNK and Akt signaling. <i>Cancer Research</i> , 2010 , 70, 1932-40	10.1	63
273	4-hydroxyestradiol induces anchorage-independent growth of human mammary epithelial cells via activation of I-kappaB kinase: potential role of reactive oxygen species. <i>Cancer Research</i> , 2009 , 69, 2416-24	10.1	63
272	Cocoa polyphenols inhibit phorbol ester-induced superoxide anion formation in cultured HL-60 cells and expression of cyclooxygenase-2 and activation of NF-kappaB and MAPKs in mouse skin in vivo. <i>Journal of Nutrition</i> , 2006 , 136, 1150-5	4.1	63
271	Inhibitory effects of the standardized extract (DA-9601) of <i>Artemisia asiatica</i> Nakai on phorbol ester-induced ornithine decarboxylase activity, papilloma formation, cyclooxygenase-2 expression, inducible nitric oxide synthase expression and nuclear transcription factor kappa B activation in <i>Anticancer Research</i> , 2007 , 27, 171-76	7.5	63
270	Metabolic activation of 9-hydroxymethyl-10-methylanthracene and 1-hydroxymethylpyrene to electrophilic, mutagenic and tumorigenic sulfuric acid esters by rat hepatic sulfotransferase activity. <i>Carcinogenesis</i> , 1990 , 11, 1451-60	4.6	62
269	Rutin inhibits UVB radiation-induced expression of COX-2 and iNOS in hairless mouse skin: p38 MAP kinase and JNK as potential targets. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 559, 38-45	4.1	61
268	Hypoxia induces epithelial-mesenchymal transition in colorectal cancer cells through ubiquitin-specific protease 47-mediated stabilization of Snail: A potential role of Sox9. <i>Scientific Reports</i> , 2017 , 7, 15918	4.9	61
267	Piceatannol induces heme oxygenase-1 expression in human mammary epithelial cells through activation of ARE-driven Nrf2 signaling. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 501, 142-50	4.1	61
266	15-Deoxy-Delta12,14-prostaglandin J2 induces COX-2 expression through Akt-driven AP-1 activation in human breast cancer cells: a potential role of ROS. <i>Carcinogenesis</i> , 2008 , 29, 688-95	4.6	61
265	Curcumin inhibits phorbol ester-induced up-regulation of cyclooxygenase-2 and matrix metalloproteinase-9 by blocking ERK1/2 phosphorylation and NF-kappaB transcriptional activity in MCF10A human breast epithelial cells. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1612-20	8.4	61
264	Resveratrol suppresses growth of human ovarian cancer cells in culture and in a murine xenograft model: eukaryotic elongation factor 1A2 as a potential target. <i>Cancer Research</i> , 2009 , 69, 7449-58	10.1	60
263	Humulone inhibits phorbol ester-induced COX-2 expression in mouse skin by blocking activation of NF-kappaB and AP-1: I-kappaB kinase and c-Jun-N-terminal kinase as respective potential upstream targets. <i>Carcinogenesis</i> , 2007 , 28, 1491-8	4.6	60
262	Carbon monoxide protects against hepatic steatosis in mice by inducing sestrin-2 via the PERK-eIF2-ATF4 pathway. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 81-91	7.8	60
261	Keap1 cysteine 288 as a potential target for diallyl trisulfide-induced Nrf2 activation. <i>PLoS ONE</i> , 2014 , 9, e85984	3.7	58

260	Inhibition of mouse skin tumor promotion by anti-inflammatory diarylheptanoids derived from <i>Alpinia oxyphylla</i> Miquel (Zingiberaceae). <i>Oncology Research</i> , 2002 , 13, 37-45	4.8	58
259	[6]-shogaol inhibits growth and induces apoptosis of non-small cell lung cancer cells by directly regulating Akt1/2. <i>Carcinogenesis</i> , 2014 , 35, 683-91	4.6	55
258	beta-Amyloid induces oxidative DNA damage and cell death through activation of c-Jun N terminal kinase. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 228-36	6.5	55
257	Eupatilin, a pharmacologically active flavone derived from <i>Artemisia</i> plants, induces cell cycle arrest in ras-transformed human mammary epithelial cells. <i>Biochemical Pharmacology</i> , 2004 , 68, 1081-7	6	54
256	Inhibition of cyclooxygenase-2 expression by diarylheptanoids from the bark of <i>Alnus hirsuta</i> var. <i>sibirica</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2000 , 23, 517-8	2.3	53
255	Hepatic DNA and RNA adduct formation from the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene and its electrophilic sulfuric acid ester metabolite in preweanling rats and mice. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 144, 576-82	3.4	53
254	Nrf2 Mutagenic Activation Drives Hepatocarcinogenesis. <i>Cancer Research</i> , 2017 , 77, 4797-4808	10.1	52
253	15-Deoxy-Delta12,14-prostaglandin J2 upregulates the expression of heme oxygenase-1 and subsequently matrix metalloproteinase-1 in human breast cancer cells: possible roles of iron and ROS. <i>Carcinogenesis</i> , 2009 , 30, 645-54	4.6	52
252	Zerumbone induces heme oxygenase-1 expression in mouse skin and cultured murine epidermal cells through activation of Nrf2. <i>Cancer Prevention Research</i> , 2011 , 4, 860-70	3.2	51
251	4-Hydroxyestradiol induces oxidative stress and apoptosis in human mammary epithelial cells: possible protection by NF-kappaB and ERK/MAPK. <i>Toxicology and Applied Pharmacology</i> , 2005 , 208, 46-58	4.6	51
250	cis-9,trans-11-conjugated linoleic acid down-regulates phorbol ester-induced NF-kappaB activation and subsequent COX-2 expression in hairless mouse skin by targeting IkkappaB kinase and PI3K-Akt. <i>Carcinogenesis</i> , 2007 , 28, 363-71	4.6	50
249	Ginsenoside Rg3 Inhibits Constitutive Activation of NF-B Signaling in Human Breast Cancer (MDA-MB-231) Cells: ERK and Akt as Potential Upstream Targets. <i>Journal of Cancer Prevention</i> , 2014 , 19, 23-30	3	50
248	Resolvin D1 stimulates efferocytosis through p50/p50-mediated suppression of tumor necrosis factor- α expression. <i>Journal of Cell Science</i> , 2013 , 126, 4037-47	5.3	49
247	Capsaicin induced apoptosis of B16-F10 melanoma cells through down-regulation of Bcl-2. <i>Food and Chemical Toxicology</i> , 2007 , 45, 708-15	4.7	49
246	Effects of selected ginsenosides on phorbol ester-induced expression of cyclooxygenase-2 and activation of NF-kappaB and ERK1/2 in mouse skin. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 396-401	6.5	49
245	Curcumin interacts directly with the Cysteine 259 residue of STAT3 and induces apoptosis in H-Ras transformed human mammary epithelial cells. <i>Scientific Reports</i> , 2018 , 8, 6409	4.9	48
244	Therapeutic potential of resolvins in the prevention and treatment of inflammatory disorders. <i>Biochemical Pharmacology</i> , 2012 , 84, 1340-50	6	46
243	AP-1 mediates beta-amyloid-induced iNOS expression in PC12 cells via the ERK2 and p38 MAPK signaling pathways. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 1421-8	3.4	46

242	15-Deoxy-Delta12,14-prostaglandin J(2) protects against nitrosative PC12 cell death through up-regulation of intracellular glutathione synthesis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 46263-70	5.4	46
241	Protective effects of green tea polyphenol extracts against ethanol-induced gastric mucosal damages in rats: stress-responsive transcription factors and MAP kinases as potential targets. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005 , 579, 214-24	3.3	46
240	Synthesis and properties of vinyl carbamate epoxide, a possible ultimate electrophilic and carcinogenic metabolite of vinyl carbamate and ethyl carbamate. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 169, 1094-8	3.4	46
239	The strong hepatocarcinogenicity of the electrophilic and mutagenic metabolite 6-sulfooxymethylbenzo[a]pyrene and its formation of benzylic DNA adducts in the livers of infant male B6C3F1 mice. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 172, 85-91	3.4	46
238	Upregulation of VEGF by 15-deoxy-Delta12,14-prostaglandin J2 via heme oxygenase-1 and ERK1/2 signaling in MCF-7 cells. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 375-84	6.5	45
237	Anti-tumor promoting potential of naturally occurring diarylheptanoids structurally related to curcumin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 428, 49-57	3.3	45
236	Ginsenoside Rg3 Induces Apoptosis of Human Breast Cancer (MDA-MB-231) Cells. <i>Journal of Cancer Prevention</i> , 2013 , 18, 177-85	3	45
235	A formulated red ginseng extract rescues PC12 cells from PCB-induced oxidative cell death through Nrf2-mediated upregulation of heme oxygenase-1 and glutamate cysteine ligase. <i>Toxicology</i> , 2010 , 278, 131-9	4.4	44
234	Carbon monoxide protects PC12 cells from peroxynitrite-induced apoptotic death by preventing the depolarization of mitochondrial transmembrane potential. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 342, 984-90	3.4	44
233	Effects of capsaicin on chemically-induced two-stage mouse skin carcinogenesis. <i>Cancer Letters</i> , 1997 , 114, 183-4	9.9	43
232	Heme oxygenase-1 determines the differential response of breast cancer and normal cells to piperlongumine. <i>Molecules and Cells</i> , 2015 , 38, 327-35	3.5	42
231	Signal transduction network leading to COX-2 induction: a road map in search of cancer chemopreventives. <i>Archives of Pharmacal Research</i> , 2005 , 28, 1-15	6.1	42
230	Sulforaphane inhibits phorbol ester-stimulated IKK-NF- κ B signaling and COX-2 expression in human mammary epithelial cells by targeting NF- κ B activating kinase and ERK. <i>Cancer Letters</i> , 2014 , 351, 41-9	9.9	41
229	Epigallocatechin gallate inhibits phorbol ester-induced activation of NF-kappa B and CREB in mouse skin: role of p38 MAPK. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1095, 504-12	6.5	41
228	Suppression of phorbol ester-induced NF-kappaB activation by capsaicin in cultured human promyelocytic leukemia cells. <i>Archives of Pharmacal Research</i> , 2002 , 25, 475-9	6.1	41
227	Hirsutenone inhibits phorbol ester-induced upregulation of COX-2 and MMP-9 in cultured human mammary epithelial cells: NF-kappaB as a potential molecular target. <i>FEBS Letters</i> , 2006 , 580, 385-92	3.8	40
226	Inhibition of phorbol ester-induced COX-2 expression by some edible African plants. <i>BioFactors</i> , 2004 , 21, 149-53	6.1	40
225	Diallyl trisulfide suppresses dextran sodium sulfate-induced mouse colitis: NF- κ B and STAT3 as potential targets. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 437, 267-73	3.4	39

224	Functional inactivation of triosephosphate isomerase through phosphorylation during etoposide-induced apoptosis in HeLa cells: potential role of Cdk2. <i>Toxicology</i> , 2010 , 278, 224-8	4.4	39
223	Chemopreventive activity of chlorophyllin against mouse skin carcinogenesis by benzo[a]pyrene and benzo[a]pyrene-7,8-dihydrodiol-9,10-epoxide. <i>Cancer Letters</i> , 1996 , 102, 143-9	9.9	39
222	Redox modulation of p53: mechanisms and functional significance. <i>Molecular Carcinogenesis</i> , 2011 , 50, 222-34	5	38
221	Curcumin induces stabilization of Nrf2 protein through Keap1 cysteine modification. <i>Biochemical Pharmacology</i> , 2020 , 173, 113820	6	37
220	Jaceosidin induces apoptosis in ras-transformed human breast epithelial cells through generation of reactive oxygen species. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1095, 483-95	6.5	37
219	Curcumin suppresses oncogenicity of human colon cancer cells by covalently modifying the cysteine 67 residue of SIRT1. <i>Cancer Letters</i> , 2018 , 431, 219-229	9.9	37
218	Magnolol inhibits cell migration and invasion by targeting the ERKs/RSK2 signaling pathway. <i>BMC Cancer</i> , 2015 , 15, 576	4.8	36
217	Resveratrol suppresses migration, invasion and stemness of human breast cancer cells by interfering with tumor-stromal cross-talk. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 643, 62-71	4.1	36
216	Helicobacter pylori Activates IL-6-STAT3 Signaling in Human Gastric Cancer Cells: Potential Roles for Reactive Oxygen Species. <i>Helicobacter</i> , 2016 , 21, 405-16	4.9	36
215	15-Hydroxyprostaglandin dehydrogenase as a novel molecular target for cancer chemoprevention and therapy. <i>Biochemical Pharmacology</i> , 2011 , 82, 1352-60	6	35
214	The role of 15-deoxy-delta(12,14)-prostaglandin J(2), an endogenous ligand of peroxisome proliferator-activated receptor gamma, in tumor angiogenesis. <i>Biochemical Pharmacology</i> , 2008 , 76, 1544-53	6	35
213	Xenohormesis mechanisms underlying chemopreventive effects of some dietary phytochemicals. <i>Annals of the New York Academy of Sciences</i> , 2011 , 1229, 1-6	6.5	34
212	Oligonol inhibits UVB-induced COX-2 expression in HR-1 hairless mouse skin--AP-1 and C/EBP as potential upstream targets. <i>Photochemistry and Photobiology</i> , 2008 , 84, 399-406	3.6	34
211	Thymoquinone inhibits phorbol ester-induced activation of NF- κ B and expression of COX-2, and induces expression of cytoprotective enzymes in mouse skin in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 721-7	3.4	33
210	Docosahexaenoic acid inhibits UVB-induced activation of NF- κ B and expression of COX-2 and NOX-4 in HR-1 hairless mouse skin by blocking MSK1 signaling. <i>PLoS ONE</i> , 2011 , 6, e28065	3.7	33
209	Bioactivation of benzylic and allylic alcohols via sulfo-conjugation. <i>Chemico-Biological Interactions</i> , 1998 , 109, 221-35	5	33
208	Blueberries Inhibit Colon Tumorigenesis in Azoxymethane/Dextran Sulfate Sodium-Treated Mice. <i>Gut and Liver</i> , 2017 , 11, 243-252	4.8	32
207	Anti-inflammatory effects of docosahexaenoic acid: Implications for its cancer chemopreventive potential. <i>Seminars in Cancer Biology</i> , 2016 , 40-41, 141-159	12.7	32

206	Resolution of inflammation as a novel chemopreventive strategy. <i>Seminars in Immunopathology</i> , 2013 , 35, 151-61	12	32
205	Inhibition of human breast cancer growth by GCP (genistein combined polysaccharide) in xenogeneic athymic mice: involvement of genistein biotransformation by beta-glucuronidase from tumor tissues. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003 , 533-534, 55-62	3.3	32
204	Carbon monoxide-induced TFEB nuclear translocation enhances mitophagy/mitochondrial biogenesis in hepatocytes and ameliorates inflammatory liver injury. <i>Cell Death and Disease</i> , 2018 , 9, 1060	9.8	32
203	NF-kappa B and Nrf2 as potential chemopreventive targets of some anti-inflammatory and antioxidative phytonutrients with anti-inflammatory and antioxidative activities. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2008 , 17 Suppl 1, 269-72	1	32
202	Regulation of the tumor suppressor PTEN by natural anticancer compounds. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1401, 136-149	6.5	31
201	Oligonol inhibits dextran sulfate sodium-induced colitis and colonic adenoma formation in mice. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 102-14	8.4	30
200	Guggulsterone induces heme oxygenase-1 expression through activation of Nrf2 in human mammary epithelial cells: PTEN as a putative target. <i>Carcinogenesis</i> , 2012 , 33, 368-76	4.6	30
199	Inhibition of cyclooxygenase-2 expression and restoration of gap junction intercellular communication in H-ras-transformed rat liver epithelial cells by caffeic acid phenethyl ester. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 501-7	6.5	30
198	Oxidative DNA damage and glioma cell death induced by tetrahydropapaveroline. <i>Mutation Research - Reviews in Mutation Research</i> , 2003 , 544, 129-42	7	30
197	Piceatannol inhibits phorbol ester-induced NF-kappa B activation and COX-2 expression in cultured human mammary epithelial cells. <i>Nutrition and Cancer</i> , 2009 , 61, 855-63	2.8	29
196	Inhibitory effects of oligonol on phorbol ester-induced tumor promotion and COX-2 expression in mouse skin: NF-kappaB and C/EBP as potential targets. <i>Cancer Letters</i> , 2009 , 273, 86-97	9.9	29
195	Roles of ERK and p38 mitogen-activated protein kinases in phorbol ester-induced NF-kappaB activation and COX-2 expression in human breast epithelial cells. <i>Chemico-Biological Interactions</i> , 2008 , 171, 133-41	5	29
194	KG-135 inhibits COX-2 expression by blocking the activation of JNK and AP-1 in phorbol ester-stimulated human breast epithelial cells. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1095, 545-53	6.5	29
193	Effects of Yakuchinone A and Yakuchinone B on the Phorbol Ester-Induced Expression of COX-2 and iNOS and Activation of NF-kB in Mouse Skin. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2002 , 21, 9	2.1	29
192	H-Ras selectively up-regulates MMP-9 and COX-2 through activation of ERK1/2 and NF-kappaB: an implication for invasive phenotype in rat liver epithelial cells. <i>International Journal of Cancer</i> , 2006 , 119, 1767-75	7.5	28
191	Bcl-2 protects against Abeta(25-35)-induced oxidative PC12 cell death by potentiation of antioxidant capacity. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 880-6	3.4	28
190	Age- and sex-related differences in activation of the carcinogen 7-hydroxymethyl-12-methylbenz[a]anthracene to an electrophilic sulfuric acid ester metabolite in rats. Possible involvement of hydroxysteroid sulfotransferase activity. <i>Biochemical Pharmacology</i> , 1991 , 41, 213-21	6	28
189	Curcumin Prevents Palmitoylation of Integrin $\alpha 4$ in Breast Cancer Cells. <i>PLoS ONE</i> , 2015 , 10, e0125399	3.7	26

188	Molecular basis of chemoprevention with dietary phytochemicals: redox-regulated transcription factors as relevant targets. <i>Phytochemistry Reviews</i> , 2009 , 8, 333-347	7.7	26
187	Cancer preventive phytochemicals as speed breakers in inflammatory signaling involved in aberrant COX-2 expression. <i>Current Cancer Drug Targets</i> , 2007 , 7, 447-58	2.8	26
186	Effects of 17 β -Estradiol on Colonic Permeability and Inflammation in an Azoxymethane/Dextran Sulfate Sodium-Induced Colitis Mouse Model. <i>Gut and Liver</i> , 2018 , 12, 682-693	4.8	26
185	Taurine Chloramine Stimulates Efferocytosis Through Upregulation of Nrf2-Mediated Heme Oxygenase-1 Expression in Murine Macrophages: Possible Involvement of Carbon Monoxide. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 163-77	8.4	25
184	The role of nutrition in influencing mechanisms involved in environmentally mediated diseases. <i>Reviews on Environmental Health</i> , 2018 , 33, 87-97	3.8	25
183	Effects of 17 β -estradiol on colorectal cancer development after azoxymethane/dextran sulfate sodium treatment of ovariectomized mice. <i>Biochemical Pharmacology</i> , 2019 , 164, 139-151	6	24
182	DNA strand scission and PC12 cell death induced by salsolinol and copper. <i>Neuroscience Letters</i> , 1997 , 238, 95-8	3.3	24
181	2-Hydroxyestradiol induces oxidative DNA damage and apoptosis in human mammary epithelial cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004 , 67, 1939-53	3.2	24
180	Metabolism of capsaicinoids: evidence for aliphatic hydroxylation and its pharmacological implications. <i>Life Sciences</i> , 1995 , 56, PL305-11	6.8	24
179	Myc-nick promotes efferocytosis through M2 macrophage polarization during resolution of inflammation. <i>FASEB Journal</i> , 2018 , 32, 5312-5325	0.9	23
178	Genistein inhibits phorbol ester-induced NF- κ B transcriptional activity and COX-2 expression by blocking the phosphorylation of p65/RelA in human mammary epithelial cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 768, 74-83	3.3	23
177	TNF- α induces expression of urokinase-type plasminogen activator and β -catenin activation through generation of ROS in human breast epithelial cells. <i>Biochemical Pharmacology</i> , 2010 , 80, 2092-100	6	23
176	Breast Cancer Cell-Derived Soluble CD44 Promotes Tumor Progression by Triggering Macrophage IL1 β Production. <i>Cancer Research</i> , 2020 , 80, 1342-1356	10.1	23
175	Resveratrol Inhibits IL-6-Induced Transcriptional Activity of AR and STAT3 in Human Prostate Cancer LNCaP-FGC Cells. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 426-30	4.2	23
174	Comparative Effects of Curcumin and Tetrahydrocurcumin on Dextran Sulfate Sodium-induced Colitis and Inflammatory Signaling in Mice. <i>Journal of Cancer Prevention</i> , 2018 , 23, 18-24	3	23
173	Modulation of tumor microenvironment by chemopreventive natural products. <i>Annals of the New York Academy of Sciences</i> , 2017 , 1401, 65-74	6.5	22
172	Docosahexaenoic Acid Induces Expression of Heme Oxygenase-1 and NAD(P)H:quinone Oxidoreductase through Activation of Nrf2 in Human Mammary Epithelial Cells. <i>Molecules</i> , 2017 , 22,	4.8	22
171	Piceatannol inhibits phorbol ester-induced expression of COX-2 and iNOS in HR-1 hairless mouse skin by blocking the activation of NF- κ B and AP-1. <i>Inflammation Research</i> , 2014 , 63, 1013-21	7.2	22

170	Inhibitory effects of 7-carboxymethoxy-3,4,5-trimethoxyflavone (DA-6034) on Helicobacter pylori-induced NF-kappa B activation and iNOS expression in AGS cells. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1095, 527-35	6.5	22
169	Potential roles of NF-kappaB and ERK1/2 in cytoprotection against oxidative cell death induced by tetrahydropapaveroline. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 1185-94	7.8	22
168	Nitric oxide induces apoptosis via AP-1-driven upregulation of COX-2 in rat pheochromocytoma cells. <i>Free Radical Biology and Medicine</i> , 2005 , 39, 890-9	7.8	22
167	Chemoprotective properties of chlorophyllin against vinyl carbamate, p-nitrophenyl vinyl ether and their electrophilic epoxides. <i>Cancer Letters</i> , 1995 , 94, 33-40	9.9	22
166	Ultraviolet B radiation activates NF- κ B and induces iNOS expression in HR-1 hairless mouse skin: role of I κ B kinase- α . <i>Molecular Carcinogenesis</i> , 2011 , 50, 310-7	5	21
165	Peptidyl Prolyl Isomerase PIN1 Directly Binds to and Stabilizes Hypoxia-Inducible Factor-1 α . <i>PLoS ONE</i> , 2016 , 11, e0147038	3.7	21
164	Multidrug resistance-associated protein 1 mediates 15-deoxy- Δ (12,14)-prostaglandin J2-induced expression of glutamate cysteine ligase expression via Nrf2 signaling in human breast cancer cells. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1231-41	4	20
163	Chemopreventive effects of the standardized extract (DA-9601) of Artemisia asiatica on azoxymethane-initiated and dextran sulfate sodium-promoted mouse colon carcinogenesis. <i>Nutrition and Cancer</i> , 2008 , 60 Suppl 1, 90-7	2.8	20
162	Sulfotransferase-mediated activation of 7,8,9,10-tetrahydro-7-ol, 7,8-dihydrodiol, and 7,8,9,10-tetraol derivatives of benzo[a]pyrene. <i>Chemical Research in Toxicology</i> , 1995 , 8, 693-8	4	20
161	Anticancer activity of a novel small molecule tubulin inhibitor STK899704. <i>PLoS ONE</i> , 2017 , 12, e0173311	3.7	20
160	15-Deoxy- Δ Prostaglandin J Exerts Proresolving Effects Through Nuclear Factor E2-Related Factor 2-Induced Expression of CD36 and Heme Oxygenase-1. <i>Antioxidants and Redox Signaling</i> , 2017 , 27, 1412-1431	8.4	19
159	Fibroblast growth factor-2, derived from cancer-associated fibroblasts, stimulates growth and progression of human breast cancer cells via FGFR1 signaling. <i>Molecular Carcinogenesis</i> , 2020 , 59, 1028-1040	5.0	19
158	RvD1 inhibits TNF α -induced c-Myc expression in normal intestinal epithelial cells and destabilizes hyper-expressed c-Myc in colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 496, 316-323	3.4	19
157	Nrf2-mediated heme oxygenase-1 induction confers adaptive survival response to tetrahydropapaveroline-induced oxidative PC12 cell death. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 2075-86	8.4	19
156	Transcription factors in the cellular signaling network as prime targets of chemopreventive phytochemicals. <i>Cancer Research and Treatment</i> , 2004 , 36, 275-86	5.2	19
155	Protective effects of hemin and tetrakis(4-benzoic acid)porphyrin on bacterial mutagenesis and mouse skin carcinogenesis induced by 7, 12-dimethylbenz[a]anthracene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000 , 472, 139-45	3	19
154	Curcumin Inhibits STAT3 Signaling in the Colon of Dextran Sulfate Sodium-treated Mice. <i>Journal of Cancer Prevention</i> , 2013 , 18, 186-91	3	19
153	17 β -Estradiol supplementation changes gut microbiota diversity in intact and colorectal cancer-induced ICR male mice. <i>Scientific Reports</i> , 2020 , 10, 12283	4.9	19

152	Docosahexaenoic acid inhibits Helicobacter pylori-induced STAT3 phosphorylation through activation of PPAR α . <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1448-57	5.9	18
151	The standardized Korean Red Ginseng extract and its ingredient ginsenoside Rg3 inhibit manifestation of breast cancer stem cell-like properties through modulation of self-renewal signaling. <i>Journal of Ginseng Research</i> , 2019 , 43, 421-430	5.8	17
150	beta-Catenin-mediated signaling: a novel molecular target for chemoprevention with anti-inflammatory substances. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2006 , 1765, 14-24	11.2	17
149	Possible role of NF-kappaB in Bcl-X(L) protection against hydrogen peroxide-induced PC12 cell death. <i>Redox Report</i> , 2004 , 9, 343-8	5.9	17
148	Iron enhancement of oxidative DNA damage and neuronal cell death induced by salsolinol. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 473-88	3.2	17
147	17 β -Estradiol reduces inflammation and modulates antioxidant enzymes in colonic epithelial cells. <i>Korean Journal of Internal Medicine</i> , 2020 , 35, 310-319	2.5	17
146	Pterostilbene 4S-Glucoside Attenuates LPS-Induced Acute Lung Injury via Induction of Heme Oxygenase-1. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2747018	6.7	17
145	Breaking the NF- κ B and STAT3 alliance inhibits inflammation and pancreatic tumorigenesis. <i>Cancer Prevention Research</i> , 2010 , 3, 1379-81	3.2	16
144	Transcription factors and mitogen-activated protein kinases as molecular targets for chemoprevention with anti-inflammatory phytochemicals. <i>BioFactors</i> , 2004 , 21, 103-8	6.1	16
143	Effects of cyclopentenone prostaglandins on the expression of heme oxygenase-1 in MCF-7 cells. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 493-500	6.5	16
142	Induction of cyclooxygenase-2 in Ras-transformed human mammary epithelial cells undergoing apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 153-60	6.5	16
141	17- β estradiol exerts anti-inflammatory effects through activation of Nrf2 in mouse embryonic fibroblasts. <i>PLoS ONE</i> , 2019 , 14, e0221650	3.7	15
140	Leptin induces SIRT1 expression through activation of NF-E2-related factor 2: Implications for obesity-associated colon carcinogenesis. <i>Biochemical Pharmacology</i> , 2018 , 153, 282-291	6	15
139	Phloretin inhibits phorbol ester-induced tumor promotion and expression of cyclooxygenase-2 in mouse skin: extracellular signal-regulated kinase and nuclear factor- κ B as potential targets. <i>Journal of Medicinal Food</i> , 2012 , 15, 253-7	2.8	15
138	NF- κ B and AP-1 as molecular targets for chemoprevention with EGCG, a review. <i>Environmental Chemistry Letters</i> , 2006 , 4, 137-141	13.3	15
137	4-Hydroxyestradiol induces mammary epithelial cell transformation through Nrf2-mediated heme oxygenase-1 overexpression. <i>Oncotarget</i> , 2017 , 8, 164-178	3.3	15
136	Carbon monoxide ameliorates acetaminophen-induced liver injury by increasing hepatic HO-1 and Parkin expression. <i>FASEB Journal</i> , 2019 , 33, 13905-13919	0.9	14
135	GSK-3 β inhibition by curcumin mitigates amyloidogenesis via TFEB activation and anti-oxidative activity in human neuroblastoma cells. <i>Free Radical Research</i> , 2020 , 54, 918-930	4	14

134	Docosahexaenoic acid inhibits insulin-induced activation of sterol regulatory-element binding protein 1 and cyclooxygenase-2 expression through upregulation of SIRT1 in human colon epithelial cells. <i>Biochemical Pharmacology</i> , 2014 , 92, 142-8	6	14
133	Neurotoxic effects of tetrahydroisoquinolines and underlying mechanisms. <i>Experimental Neurobiology</i> , 2010 , 19, 63-70	4	14
132	Molecular mechanism underlying anti-apoptotic and anti-inflammatory effects of Mameo (<i>Antidesma thwaitesianum</i> Mill. Arg.) polyphenolics in human breast epithelial cells. <i>Food Chemistry</i> , 2011 , 127, 1450-1458	8.5	14
131	Baicalein Inhibits Dextran Sulfate Sodium-induced Mouse Colitis. <i>Journal of Cancer Prevention</i> , 2019 , 24, 129-138	3	14
130	Dynamic roles of inflammasomes in inflammatory tumor microenvironment. <i>Npj Precision Oncology</i> , 2021 , 5, 18	9.8	14
129	Role of heme oxygenase-1 and its reaction product, carbon monoxide, in manifestation of breast cancer stem cell-like properties: Notch-1 as a putative target. <i>Free Radical Research</i> , 2018 , 52, 1336-1347	4	14
128	15-Keto prostaglandin E suppresses STAT3 signaling and inhibits breast cancer cell growth and progression. <i>Redox Biology</i> , 2019 , 23, 101175	11.3	13
127	<i>Helicobacter pylori</i> induces Snail expression through ROS-mediated activation of Erk and inactivation of GSK-3 β in human gastric cancer cells. <i>Molecular Carcinogenesis</i> , 2016 , 55, 2236-2246	5	13
126	Potential of etoposide-induced apoptosis in HeLa cells by co-treatment with KG-135, a quality-controlled standardized ginsenoside formulation. <i>Cancer Letters</i> , 2010 , 294, 74-81	9.9	13
125	Resveratrol suppresses 4-hydroxyestradiol-induced transformation of human breast epithelial cells by blocking IKK α -NF- κ B signalling. <i>Free Radical Research</i> , 2012 , 46, 1051-7	4	13
124	ET-18-O-CH $_3$ -induced apoptosis is causally linked to COX-2 upregulation in H-ras transformed human breast epithelial cells. <i>FEBS Letters</i> , 2005 , 579, 6279-87	3.8	13
123	Therapeutic Potential and Molecular Targets of Piceatannol in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 928, 185-211	3.6	13
122	Effects of yakuchinone A and yakuchinone B on the phorbol ester-induced expression of COX-2 and iNOS and activation of NF- κ B in mouse skin. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2002 , 21, 131-9	2.1	13
121	Aschantin targeting on the kinase domain of mammalian target of rapamycin suppresses epidermal growth factor-induced neoplastic cell transformation. <i>Carcinogenesis</i> , 2015 , 36, 1223-34	4.6	12
120	Reverse pharmacology applicable for botanical drug development - inspiration from the legacy of traditional wisdom. <i>Journal of Traditional and Complementary Medicine</i> , 2011 , 1, 5-7	4.6	12
119	15-Deoxy- Δ 12, 14-prostaglandin J $_2$ induces upregulation of multidrug resistance-associated protein 1 via Nrf2 activation in human breast cancer cells. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 210-6	6.5	12
118	PharmDB-K: Integrated Bio-Pharmacological Network Database for Traditional Korean Medicine. <i>PLoS ONE</i> , 2015 , 10, e0142624	3.7	11
117	Genistein Inhibits Proliferation of Mutated Breast Cancer Cells: The GPR30-Akt Axis as a Potential Target. <i>Journal of Cancer Prevention</i> , 2019 , 24, 197-207	3	11

116	Differential Regulation of Toll-Like Receptor-Mediated Cytokine Production by Unfolded Protein Response. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 9827312	6.7	11
115	Helicobacter pylori infection promotes autophagy through Nrf2-mediated heme oxygenase upregulation in human gastric cancer cells. <i>Biochemical Pharmacology</i> , 2019 , 162, 89-97	6	10
114	Resveratrol suppresses gastric cancer cell proliferation and survival through inhibition of PIM-1 kinase activity. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 689, 108413	4.1	10
113	15-Deoxy- Δ^8 -prostaglandin J activates PI3K-Akt signaling in human breast cancer cells through covalent modification of the tumor suppressor PTEN at cysteine 136. <i>Cancer Letters</i> , 2018 , 424, 30-45	9.9	10
112	Endogenous Δ^8 Fatty Acid Production by fat-1 Transgene and Topically Applied Docosahexaenoic Acid Protect against UVB-induced Mouse Skin Carcinogenesis. <i>Scientific Reports</i> , 2017 , 7, 11658	4.9	10
111	Oligonol, a lychee fruit-derived low molecular weight polyphenol formulation, inhibits UVB-induced cyclooxygenase-2 expression, and induces NAD(P)H:quinone oxidoreductase-1 expression in hairless mouse skin. <i>Journal of Functional Foods</i> , 2009 , 1, 98-108	5.1	10
110	Src-mediated phosphorylation, ubiquitination and degradation of Caveolin-1 promotes breast cancer cell stemness. <i>Cancer Letters</i> , 2019 , 449, 8-19	9.9	9
109	Gremlin-1 augments the oestrogen-related receptor signalling through EGFR activation: implications for the progression of breast cancer. <i>British Journal of Cancer</i> , 2020 , 123, 988-999	8.7	9
108	Cancer chemopreventive and therapeutic potential of guggulsterone. <i>Topics in Current Chemistry</i> , 2013 , 329, 35-60		9
107	Inhibition by chlorophyllin of forward and reverse bacterial mutagenicity of benzo[a]pyrene-7,8-dihydrodiol-9,10-epoxide. <i>Phytotherapy Research</i> , 1998 , 12, 580-583	6.7	9
106	Constitutive Δ^8 fatty acid production in fat-1 transgenic mice and docosahexaenoic acid administration to wild type mice protect against 2,4,6-trinitrobenzene sulfonic acid-induced colitis. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 487, 847-855	3.4	8
105	Identification of small molecule inhibitors of the STAT3 signaling pathway: Insights into their structural features and mode of action. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5444-8	2.9	8
104	Chemopreventive and Therapeutic Potential of Phytochemicals Targeting Cancer Stem Cells. <i>Current Pharmacology Reports</i> , 2015 , 1, 302-311	5.5	8
103	Induction of cyclooxygenase-2 and peroxisome proliferator-activated receptor-gamma during nitric oxide-induced apoptotic PC12 cell death. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 648-585	6.5	8
102	Salsolinol, a naturally occurring tetrahydroisoquinoline alkaloid, induces DNA damage and chromosomal aberrations in cultured Chinese hamster lung fibroblast cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001 , 474, 25-33	3.3	8
101	Inhibition of covalent DNA binding and mutagenicity of benzo[a]pyrene by isopropyl-2-(1,3-dithietane-2-ylidene)-2-[N-(4-methylthiazol-2-yl) carbamoyl]acetate (YH439), a novel hepatoprotective agent. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996 , 367, 219-24		8
100	Similarities and Distinctions in the Effects of Metformin and Carbon Monoxide in Immunometabolism. <i>Molecules and Cells</i> , 2019 , 42, 292-300	3.5	8
99	Dual Roles of Pin1 in Cancer Development and Progression. <i>Current Pharmaceutical Design</i> , 2017 , 23, 4422-4425	3.3	8

98	Inhibition of phorbol ester-induced mouse skin tumor promotion and COX-2 expression by celecoxib: C/EBP as a potential molecular target. <i>Cancer Research and Treatment</i> , 2006 , 38, 152-8	5.2	8
97	Inhibition of Phorbol Ester-induced Mouse Skin Tumor Promotion and COX-2 Expression by Celecoxib: C/EBP as a Potential Molecular Target. <i>Cancer Research and Treatment</i> , 2006 , 38, 152	5.2	8
96	Role of Reductive versus Oxidative Stress in Tumor Progression and Anticancer Drug Resistance. <i>Cells</i> , 2021 , 10,	7.9	8
95	Construction of the Azacyclic Core of Tabernaemontanine-Related Alkaloids via Tandem Reformatsky-Aza-Claisen Rearrangement. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1464-1470	4.2	7
94	Cellular adaptation mediated through Nrf2-induced glutamate cysteine ligase up-regulation against oxidative stress caused by iron overload in β -thalassemia/HbE patients. <i>Free Radical Research</i> , 2019 , 53, 791-799	4	7
93	Gremlin-1 Promotes Metastasis of Breast Cancer Cells by Activating STAT3-MMP13 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
92	Ninjurin1 deficiency aggravates colitis development by promoting M1 macrophage polarization and inducing microbial imbalance. <i>FASEB Journal</i> , 2020 , 34, 8702-8720	0.9	7
91	15-Deoxy- Δ prostaglandin J stabilizes hypoxia inducible factor-1 through induction of heme oxygenase-1 and direct modification of prolyl-4-hydroxylase 2. <i>Free Radical Research</i> , 2016 , 50, 1140-1152	4	7
90	15-Deoxy- Δ 12,14-prostaglandin J2 induces expression of 15-hydroxyprostaglandin dehydrogenase through Elk-1 activation in human breast cancer MDA-MB-231 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 768, 6-15	3.3	7
89	Effects of 15-deoxy- Δ 12, 14-prostaglandin J2 on the expression of p53 in MCF-7 cells. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 202-9	6.5	7
88	Inhibitory effects of isopropyl-2-(1,3-dithietane-2-ylidene)-2-[N-(4-methylthiazol-2-yl)carbamoyl]acetate (YH439) on benzo[a]pyrene-induced skin carcinogenesis and micronucleated reticulocyte formation in mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 423, 149-53	3.3	7
87	Inhibitory effects of chlorophyllin on micronucleus formation induced by ethyl carbamate and its proximate and ultimate carcinogenic forms in mouse peripheral reticulocytes. <i>Environmental and Molecular Mutagenesis</i> , 1999 , 34, 57-60	3.2	7
86	15-Deoxy- Δ prostaglandin J Induces Epithelial-to-mesenchymal Transition in Human Breast Cancer Cells and Promotes Fibroblast Activation. <i>Journal of Cancer Prevention</i> , 2020 , 25, 152-163	3	7
85	The Role of Nrf2 in Cellular Innate Immune Response to Inflammatory Injury. <i>Toxicological Research</i> , 2009 , 25, 159-173	3.7	7
84	17-Oxo-docosahexaenoic acid induces Nrf2-mediated expression of heme oxygenase-1 in mouse skin in vivo and in cultured murine epidermal cells. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 679, 108156	4.1	7
83	Helicobacter pylori infection induces STAT3 phosphorylation on Ser727 and autophagy in human gastric epithelial cells and mouse stomach. <i>Scientific Reports</i> , 2020 , 10, 15711	4.9	7
82	Breast cancer cell debris diminishes therapeutic efficacy through heme oxygenase-1-mediated inactivation of M1-like tumor-associated macrophages. <i>Neoplasia</i> , 2020 , 22, 606-616	6.4	7
81	In vitro evidence of the role of COX-2 in attenuating gastric inflammation and promoting gastric carcinogenesis. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2002 , 21, 165-76	2.1	7

80	Taurine chloramine potentiates phagocytic activity of peritoneal macrophages through up-regulation of dectin-1 mediated by heme oxygenase-1-derived carbon monoxide. <i>FASEB Journal</i> , 2018 , 32, 2246-2257	0.9	6
79	Curcumin induces expression of 15-hydroxyprostaglandin dehydrogenase in gastric mucosal cells and mouse stomach in vivo: AP-1 as a potential target. <i>Journal of Nutritional Biochemistry</i> , 2020 , 85, 108469	6.3	6
78	17 β -Estradiol strongly inhibits azoxymethane/dextran sulfate sodium-induced colorectal cancer development in Nrf2 knockout male mice. <i>Biochemical Pharmacology</i> , 2020 , 182, 114279	6	6
77	Interaction of Nrf2 with dimeric STAT3 induces IL-23 expression: Implications for breast cancer progression. <i>Cancer Letters</i> , 2021 , 500, 147-160	9.9	6
76	Correlation between macrophage migration inhibitory factor and autophagy in Helicobacter pylori-associated gastric carcinogenesis. <i>PLoS ONE</i> , 2019 , 14, e0211736	3.7	5
75	Role of heme oxygenase-1 in potentiation of phagocytic activity of macrophages by taurine chloramine: Implications for the resolution of zymosan A-induced murine peritonitis. <i>Cellular Immunology</i> , 2018 , 327, 36-46	4.4	5
74	Amelioration of UVB-induced oxidative stress and inflammation in fat-1 transgenic mouse skin. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 1-8	3.4	5
73	Methylseleninic acid induces NAD(P)H:quinone oxidoreductase-1 expression through activation of NF-E2-related factor 2 in Chang liver cells. <i>Oncotarget</i> , 2018 , 9, 3014-3028	3.3	5
72	An Electrophilic Deguelin Analogue Inhibits STAT3 Signaling in H-Transformed Human Mammary Epithelial Cells: The Cysteine 259 Residue as a Potential Target. <i>Biomedicines</i> , 2020 , 8,	4.8	5
71	Reprogramming of Tumor-Associated Macrophages in Breast Tumor-Bearing Mice under Chemotherapy by Targeting Heme Oxygenase-1. <i>Antioxidants</i> , 2021 , 10,	7.1	5
70	The positive feedback loop between Nrf2 and phosphogluconate dehydrogenase stimulates proliferation and clonogenicity of human hepatoma cells. <i>Free Radical Research</i> , 2020 , 54, 906-917	4	4
69	Chemopreventive effect of chlorophyllin on mutagenicity and cytotoxicity of 6-sulfooxymethylbenzo[a]pyrene. <i>Cancer Letters</i> , 1996 , 107, 223-8	9.9	4
68	Ajoene, a Major Organosulfide Found in Crushed Garlic, Induces NAD(P)H:quinone Oxidoreductase Expression Through Nuclear Factor E2-related Factor-2 Activation in Human Breast Epithelial Cells. <i>Journal of Cancer Prevention</i> , 2019 , 24, 112-122	3	4
67	15-Deoxy- Δ prostaglandin J Upregulates VEGF Expression via NRF2 and Heme Oxygenase-1 in Human Breast Cancer Cells. <i>Cells</i> , 2021 , 10,	7.9	4
66	Topically Applied Taurine Chloramine Protects against UVB-Induced Oxidative Stress and Inflammation in Mouse Skin. <i>Antioxidants</i> , 2021 , 10,	7.1	4
65	Role of chemopreventive phytochemicals in NRF2-mediated redox homeostasis in humans. <i>Free Radical Biology and Medicine</i> , 2021 , 172, 699-715	7.8	4
64	Genetic ablation of caspase-7 promotes solar-simulated light-induced mouse skin carcinogenesis: the involvement of keratin-17. <i>Carcinogenesis</i> , 2015 , 36, 1372-80	4.6	3
63	H-Ras induces Nrf2-Pin1 interaction: Implications for breast cancer progression. <i>Toxicology and Applied Pharmacology</i> , 2020 , 402, 115121	4.6	3

62	Preventive effects of Korean red ginseng on experimentally induced colitis and colon carcinogenesis. <i>Journal of Traditional and Complementary Medicine</i> , 2020 , 10, 198-206	4.6	3
61	Asymmetric Total Synthesis of (+)-(3E)-Pinnatifidenyne via Abnormally Regioselective Pd(0)-Catalyzed Endocyclization. <i>Journal of Organic Chemistry</i> , 2018 , 83, 1997-2005	4.2	3
60	Bioactivation of Cyclopenta- and Cyclohexa-Fused Polycyclic Aromatic Hydrocarbons via the Formation of Benzylic Sulfuric Acid Esters. <i>Polycyclic Aromatic Compounds</i> , 1994 , 7, 83-90	1.3	3
59	STAT3 Stabilizes IKK β Protein through Direct Interaction in Transformed and Cancerous Human Breast Epithelial Cells. <i>Cancers</i> , 2020 , 13,	6.6	3
58	Protective Effects of Taurine Chloramine on Experimentally Induced Colitis: NFB, STAT3, and Nrf2 as Potential Targets. <i>Antioxidants</i> , 2021 , 10,	7.1	3
57	Identification and Structural Analysis of New Nrf2 Activators by Mechanism-Based Chemical Transformation of 15-Deoxy- Δ^1 PGJ. <i>ChemBioChem</i> , 2016 , 17, 1900-1904	3.8	2
56	Induction of endoplasmic reticulum stress under endotoxin tolerance increases inflammatory responses and decreases Pseudomonas aeruginosa pneumonia. <i>Journal of Leukocyte Biology</i> , 2018 , 104, 1003-1012	6.5	2
55	Effects of Genetic and Pharmacologic Inhibition of COX-2 on Colitis-associated Carcinogenesis in Mice. <i>Journal of Cancer Prevention</i> , 2020 , 25, 27-37	3	2
54	Interaction between Peptidyl-prolyl - Isomerase NIMA-interacting 1 and GTP-H-Ras: Implications for Aggressiveness of Human Mammary Epithelial Cells and Drug Resistance. <i>Journal of Cancer Prevention</i> , 2020 , 25, 234-243	3	2
53	Molecular Mechanisms of Chemoprevention with Capsaicinoids from Chili Peppers 2011 , 123-142		2
52	15-Keto prostaglandin E induces heme oxygenase-1 expression through activation of Nrf2 in human colon epithelial CCD 841 CoN cells. <i>Archives of Biochemistry and Biophysics</i> , 2020 , 679, 108162	4.1	2
51	Isoflavone intake on the risk of overall breast cancer and molecular subtypes in women at high risk for hereditary breast cancer. <i>Breast Cancer Research and Treatment</i> , 2020 , 184, 615-626	4.4	2
50	Stabilization of C/EBP β through direct interaction with STAT3 in H-Ras transformed human mammary epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 546, 130-137	3.4	2
49	The Enhanced Inhibitory Effect of Estrogen on PD-L1 Expression Following Nrf2 Deficiency in the AOM/DSS Model of Colitis-Associated Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 679324	5.3	2
48	15-Deoxy- Δ^1 prostaglandin J up-regulates the expression of 15-hydroxyprostaglandin dehydrogenase through DNA methyltransferase 1 inactivation. <i>Free Radical Research</i> , 2019 , 53, 335-347 ⁴		2
47	15-Deoxy- Δ^1 prostaglandin J binds and inactivates STAT3 via covalent modification of cysteine 259 in H-Ras-transformed human breast epithelial cells. <i>FEBS Letters</i> , 2021 , 595, 604-622	3.8	2
46	15-Deoxy- Δ^1 -Prostaglandin J Promotes Resolution of Experimentally Induced Colitis. <i>Frontiers in Immunology</i> , 2021 , 12, 615803	8.4	2
45	Nrf2 paradox: Can cancer patients eat broccoli?. <i>Food Frontiers</i> , 2021 , 2, 25-28	4.2	2

44	CO ameliorates cellular senescence and aging by modulating the miR-34a/Sirt1 pathway. <i>Free Radical Research</i> , 2020 , 54, 848-858	4	1
43	Cancer Chemoprevention Targeting COX-2 using Dietary Phytochemicals 2014 , 339-353		1
42	Tumor suppressor p16INK4a inhibits cancer cell growth by downregulating eEF1A2 through a direct interaction. <i>Journal of Cell Science</i> , 2013 , 126, 3796-3796	5.3	1
41	Resveratrol: The Biochemistry Behind Its Anticancer Effects 331-359		1
40	M11-03: Natural agents for chemoprevention. <i>Journal of Thoracic Oncology</i> , 2007 , 2, S184-S185	8.9	1
39	Modulation by nitric oxide (NO) of capsaicin-induced calcium uptake into rat dorsal root ganglion neurons. <i>IUBMB Life</i> , 1999 , 47, 435-42	4.7	1
38	Resveratrol as an Antiinflammatory Agent. <i>Oxidative Stress and Disease</i> , 2005 , 601-617		1
37	15-Deoxy- Δ^9 -prostaglandin J Induces Apoptosis in Ha--transformed Human Breast Epithelial Cells by Targeting I κ B kinase-NF- κ B Signaling. <i>Journal of Cancer Prevention</i> , 2020 , 25, 100-110	3	1
36	hYSK1 promotes cancer cell proliferation and migration through negative regulation of p16 under hypoxic conditions. <i>Oncotarget</i> , 2017 , 8, 89072-89085	3.3	1
35	Potential Role of Heme Oxygenase-1 in the Resolution of Experimentally Induced Colitis through Regulation of Macrophage Polarization. <i>Gut and Liver</i> , 2021 ,	4.8	1
34	Testosterone strongly enhances azoxymethane/dextran sulfate sodium-induced colorectal cancer development in C57BL/6 mice. <i>American Journal of Cancer Research</i> , 2021 , 11, 3145-3162	4.4	1
33	JNK-mediated Ser27 phosphorylation and stabilization of SIRT1 promote growth and progression of colon cancer through deacetylation-dependent activation of Snail. <i>Molecular Oncology</i> , 2021 ,	7.9	1
32	Adaptive Redox Response to Oxidative Challenge during Exercise: Potential Roles of Nrf2 and HO-1. <i>FASEB Journal</i> , 2011 , 25, 1107.11	0.9	1
31	The peptidyl prolyl isomerase, PIN1 induces angiogenesis through direct interaction with HIF-2 α <i>Biochemical and Biophysical Research Communications</i> , 2020 , 533, 995-1003	3.4	1
30	Heregulin- α 1 Activates NF-E2-related Factor 2 and Induces Manganese Superoxide Dismutase Expression in Human Breast Cancer Cells via Protein Kinase B and Extracellular Signal-regulated Protein Kinase Signaling Pathways. <i>Journal of Cancer Prevention</i> , 2021 , 26, 54-63	3	1
29	Resolvin D1 suppresses inflammation-associated tumorigenesis in the colon by inhibiting IL-6-induced mitotic spindle abnormality. <i>FASEB Journal</i> , 2021 , 35, e21432	0.9	1
28	Protective Effects of Silibinin on -induced Gastritis: NF- κ B and STAT3 as Potential Targets. <i>Journal of Cancer Prevention</i> , 2021 , 26, 118-127	3	1
27	STAT3 as a Potential Target for Tumor Suppressive Effects of 15-Deoxy- Δ^9 -prostaglandin J in Triple Negative Breast Cancer. <i>Journal of Cancer Prevention</i> , 2021 , 26, 207-217	3	0

26	Alternative regulation of HIF-1 β stability through Phosphorylation on Ser451. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 545, 150-156	3.4	o
25	IL-1 β induces expression of proinflammatory cytokines and migration of human colon cancer cells through upregulation of SIRT1. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 703, 108847	4.1	o
24	Changes in Microbial Community Composition Related to Sex and Colon Cancer by Nrf2 Knockout. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 636808	5.9	o
23	Non-canonical vs. Canonical Functions of Heme Oxygenase-1 in Cancer.. <i>Journal of Cancer Prevention</i> , 2022 , 27, 7-15	3	o
22	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 directly binds and stabilizes Nrf2 in breast cancer.. <i>FASEB Journal</i> , 2022 , 36, e22068	0.9	o
21	Tumor Promoting Effects of Sulforaphane on Diethylnitrosamine-Induced Murine Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5397	6.3	o
20	Lipids and Cancer 2020 , 1-9		
19	Special issue for the 7th Biennial Meeting of Society for Free Radical Research-Asia (SFRR-Asia 2015 Thailand). <i>Free Radical Research</i> , 2016 , 50, 1045-1046	4	
18	Cancer Chemopreventive Phytochemicals Targeting NF- κ B and Nrf2 Signaling Pathways 2015 , 102-121		
17	Cancer Chemopreventive Effects of Selected Dried Fruits 2013 , 19-51		
16	Tetrahydropapaveroline, an Endogenous Dicatechol Isoquinoline Neurotoxin 2013 , 733-746		
15	Capsaicin Δ A Hot Spice in the Chemoprevention of Cancer 2009 , 311-339		
14	Nutrigenomic Perspectives on Cancer Chemoprevention with Anti-Inflammatory and Antioxidant Phytochemicals: NF- κ B and Nrf2 Signaling Pathways as Potential Targets 2010 , 175-197		
13	Modulation of Cancer Cell Growth and Progression by Caveolin-1 in the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1277, 63-74	3.6	
12	Cancer chemopreventive ingredients in Asian foods. <i>Environmental Mutagen Research</i> , 2004 , 26, 219-220		
11	Cancer chemopreventive ingredients in Asian foods: mechanistic perspectives. <i>Environmental Mutagen Research</i> , 2005 , 27, 1-5		
10	Induction of apoptosis by phloretin in HT-29 human colon cancer cells. <i>FASEB Journal</i> , 2006 , 20, A568	0.9	
9	3,3'-Diindolylmethane (DIM) induces apoptosis through p53-independent pathway in human colon cancer cells.. <i>FASEB Journal</i> , 2006 , 20, A568	0.9	

- 8 History and Current Status of Functional Foods in Korea. *Nutraceutical Science and Technology*, **2007**, 127-138
- 7 Activation of caspase-8 contributes to fucoidan-induced apoptosis in HT-29 human colon cancer cells. *FASEB Journal*, **2007**, 21, A50 0.9
- 6 The second annual conference of International ovarian cancer consortium and the symposium on tumor microenvironment and therapeutic resistance. *Genes and Cancer*, **2016**, 7, 7-12 2.9
- 5 *Helicobacter pylori*-Induced Oxidative Stress and Inflammation **2011**, 343-370
- 4 From Inflammation to Cancer: Opportunities for Chemoprevention via Dietary Intervention **2018**, 203-211
- 3 Nuclear Localization of Fibroblast Growth Factor Receptor 1 in Breast Cancer Cells Interacting with Cancer Associated Fibroblasts.. *Journal of Cancer Prevention*, **2022**, 27, 68-76 3
- 2 Antioxidant, Anti-Inflammatory, and Anticarcinogenic Effects of Ginger and Its Ingredients 483-498
- 1 CO as a Protective Mediator of Liver Injury **2022**, 385-400