Citation Report
List of articles citing

Cancer chemopreventive activity of resveratrol, a natural product derived from grapes

DOI: 10.1126/science.275.5297.218
Science, 1997, 275, 218-20.

Source: https://exaly.com/paper-pdf/28280819/citation-report.pdf
Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
2303	Control of cellular redox status and upregulation of quinone reductase NQO1 via Nrf2 activation by α-lipoic acid in human leukemia HL-60 cells. **1992**, 33, 833		2
2302	Suppression of cell proliferation and gene expression by combinatorial synergy of EGCG, resveratrol and α-tocotrienol in estrogen receptor-positive MCF-7 breast cancer cells. **1992**, 33, 851		6
2301	In vitro models of human disease states. **1997**, 20, 507-560		2
2300	Tumorigenic transformation of immortalized ECV endothelial cells by cyclooxygenase-1 overexpression. **1997**, 272, 21455-60		76
2299	Tobacco, alcohol, and socioeconomic status and adenocarcinomas of the esophagus and gastric cardia. **1997**, 89, 1277-84		481
2298	Cancer prevention through sensible nutrition (commentary). **1997**, 11, 1387-92		1
2297	Notizen. **1997**, 45, 108-108		1
2296	Amelioration of oxidative stress by antioxidants and resveratrol in PC12 cells. **1997**, 8, 1499-502		169
2295	Resveratrol, a polyphenolic compound found in grapes and wine, is an agonist for the estrogen receptor. **1997**, 94, 14138-43		837
2294	Contents of resveratrol, piceid, and their isomers in commercially available wines made from grapes cultivated in Japan. **1997**, 61, 1800-5		83
2293	Antioxidant Activity and Isolation from Soybeans Fermented with Aspergillus spp.. **1997**, 45, 2020-2024		30
2292	A family of plant-specific polyketide synthases: facts and predictions. **1997**, 2, 373-378		154
2291	Plant-derived anticancer agents. **1997**, 53, 121-33		402
2290	The chemistry of some natural colourants. **1997**, 20, 719-788		2
2289	HPLC Analysis of Grapevine Phytoalexins Coupling Photodiode Array Detection and Fluorometry. **1997**, 69, 5172-5177		119
2288	Ethanol-induced cell death by lipid peroxidation in PC12 cells. **1997**, 22, 1187-92		87
2287	On the deprotonation of η6-1,3-dimethoxybenzene-Cr(CO)3 derivatives: Influence of the reaction conditions on the regioselectivity. **1997**, 53, 9219-9232		20

2286	Chemoprotection: a review of the potential therapeutic antioxidant properties of green tea (Camellia sinensis) and certain of its constituents. **1997**, 17, 327-65	122
2285	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. **1998**, 359, 27-38	68
2284	Isolation, identification, and antioxidant activity of three stilbene glucosides newly extracted from vitis vinifera cell cultures. **1998**, 61, 655-7	131
2283	Direct Analysis of Resveratrol in Wine by Micellar Electrokinetic Capillary Electrophoresis. **1998**, 46, 509-513	43
2282	Phytoestrogens act as estrogen agonists in an estrogen-responsive pituitary cell line. **1998**, 152, 41-8	102
2281	Effect of trans-resveratrol, a natural polyphenolic compound, on human polymorphonuclear leukocyte function. **1998**, 123, 1691-9	172
2280	Biological control ofBotrytis cinereacausing grey mould disease of grapevine and elicitation of stilbene phytoalexin (resveratrol) by a soil bacterium. **1998**, 165, 65-70	44
2279	Potent differentiation-inducing properties of the antiretroviral agent 9-(2-phosphonylmethoxyethyl) adenine (PMEA) in the rat choriocarcinoma (RCHO) tumor cell model. **1998**, 56, 851-9	17
2278	Paradoxical effects of resveratrol on the two prostaglandin H synthases. **1998**, 56, 131-43	32
2277	Effect of antioxidants, resveratrol, quercetin, and N-acetylcysteine, on the functions of cultured rat hepatic stellate cells and Kupffer cells. **1998**, 27, 1265-74	345
2276	Synthesis of 5-Substituted Resorcinol Derivatives via Cross-Coupling Reactions. **1998**, 1998, 359-364	32
2275	Prevention of cancer and cardiovascular diseases: a common strategy?. **1998**, 18, 139-48	3
2274	Wein und Gesundheit. **1998**, 32, 87-93	4
2273	Oxidized lipoproteins may play a role in neuronal cell death in Alzheimer disease. **1998**, 33, 139-48	86
2272	Oxidative stress and neurodegenerative disorders. **1998**, 5, 401-14	151
2271	Inhibition of prostaglandin-H-synthase by o-phenylphenol and its metabolites. **1998**, 72, 637-44	8
2270	Supercritical fluid extraction of t-resveratrol and other phenolics from a spiked solid. **1998**, 361, 143-148	29
2269	Cyphostemmins A-B, two new antifungal oligostilbenes from Cyphostemma crotalarioides (Vitaceae). **1998**, 39, 9655-9658	31

2268	A resveratrol dimer from Parthenocissus tricuspidata. **1998**, 48, 1241-1243	31
2267	Stilbene derivatives in the stem of parthenocissus quinquefolia. **1998**, 48, 1045-1049	39
2266	Electrospray mass spectrometric analysis of 5-hydroperoxy and 5-hydroxyeicosatetraenoic acids generated by lipid peroxidation of red blood cell ghost phospholipids. **1998**, 9, 527-32	98
2265	Resveratrol as a new type of DNA-cleaving agent. **1998**, 8, 3187-92	114
2264	Suppression of tumour development by substances derived from the diet--mechanisms and clinical implications. **1998**, 45, 1-12	71
2263	Modulation by phytochemicals of cytochrome P450-linked enzyme activity. **1998**, 133, 135-41	62
2262	Dextran sulfate enhances the level of an oxidative DNA damage biomarker, 8-oxo-7,8-dihydro-2'-deoxyguanosine, in rat colonic mucosa. **1998**, 134, 1-5	38
2261	Effects of resveratrol on 12-O-tetradecanoylphorbol-13-acetate-induced oxidative events and gene expression in mouse skin. **1998**, 134, 81-9	129
2260	Multiple glucosyltransferase activities in the grapevine Vitis vinifera L.. **1998**, 4, 48-58	19
2259	Dietary supplementation of grape polyphenols and chronic ethanol administration on LDL oxidation and platelet function in rats. **1998**, 63, 383-90	46
2258	Phytoalexin resveratrol (3-4'-5-trihydroxystilbene) modulates granulocyte and monocyte endothelial adhesion. **1998**, 30, 4191-3	34
2257	Resveratrol, a remarkable inhibitor of ribonucleotide reductase. **1998**, 421, 277-9	284
2256	Oxyresveratrol as the potent inhibitor on dopa oxidase activity of mushroom tyrosinase. **1998**, 243, 801-3	175
2255	Biotransformation of resveratrol to piceid by Bacillus cereus. **1998**, 61, 1313-4	26
2254	Development of a radiochemical cyclooxygenase-1 and -2 in vitro assay for identification of natural products as inhibitors of prostaglandin biosynthesis. **1998**, 61, 2-7	106
2253	Modulation of androgen and progesterone receptors by phytochemicals in breast cancer cell lines. **1998**, 248, 935-9	33
2252	Survey of the Free and Conjugated Myricetin and Quercetin Content of Red Wines of Different Geographical Origins. **1998**, 46, 368-375	161
2251	Interaction of transresveratrol with plasma lipoproteins. **1998**, 55, 811-6	137

2250	Prediction of aryl hydrocarbon receptor-mediated enzyme induction of drugs and chemicals by mRNA quantification. **1998**, 11, 1447-52	16
2249	Ursolic acid from Plantago major, a selective inhibitor of cyclooxygenase-2 catalyzed prostaglandin biosynthesis. **1998**, 61, 1212-5	128
2248	Red-wine polyphenols and inhibition of platelet aggregation: possible mechanisms, and potential use in health promotion and disease prevention. **1998**, 26, 171-80	49
2247	Alpha-viniferin: a prostaglandin H2 synthase inhibitor from root of Carex humilis. **1998**, 64, 204-7	48
2246	Resveratrol, a phytoestrogen found in red wine. A possible explanation for the conundrum of the 'French paradox'?. **1998**, 138, 619-20	328
2245	Newly discovered redox cofactors: possible nutritional, medical, and pharmacological relevance to higher animals. **1998**, 18, 145-77	50
2244	Chemoprevention of colorectal cancer. **1998**, 43, 578-85	44
2243	NOTEWORTHY. **1998**, 17, 69-75	
2242	Cancer chemoprevention: progress and promise. **1998**, 90, 1514-28	124
2241	Resveratrol inhibits cyclooxygenase-2 transcription and activity in phorbol ester-treated human mammary epithelial cells. **1998**, 273, 21875-82	564
2240	Suppression of mouse skin tumor promotion and induction of apoptosis in HL-60 cells by Alpinia oxyphylla Miquel (Zingiberaceae). **1998**, 19, 1377-81	47
2239	Antiproliferative effect of synthetic resveratrol on human breast epithelial cells.. **1998**, 12, 865	12
2238	Activity in vitro of resveratrol on granulocyte and monocyte adhesion to endothelium. **1998**, 68, 1208-14	143
2237	Beneficial Effect of Moderate Alcohol Consumption to Health: A Review of Recent Results on Wines. **1998**, 114-120	
2236	Anticancer action of cub'insecticide: correlation for rotenoid constituents between inhibition of NADH:ubiquinone oxidoreductase and induced ornithine decarboxylase activities. **1998**, 95, 3380-4	152
2235	Population based cohort study of the association between alcohol intake and cancer of the upper digestive tract. **1998**, 317, 844-7	123
2234	Chemopreventive Agent Resveratrol, a Natural Product Derived From Grapes, Triggers CD95 Signaling-Dependent Apoptosis in Human Tumor Cells. **1998**, 92, 996-1002	533
2233	Oxidative Stress and Cardiovascular Complications of Diabetes. **1998**, 14, 78-90	

2232	Plant Biotechnology of Flavonois.. **1999**, 16, 179-199	16
2231	Resveratrol pretreatment desensitizes AHTO-7 human osteoblasts to growth stimulation in response to carcinoma cell supernatants. **1999**, 15, 955-9	6
2230	Cell cycle effects and control of gene expression by resveratrol in human breast carcinoma cell lines with different metastatic potentials. **1999**, 15, 245-52	23
2229	Wine, beer, and mortality in middle-aged men from eastern France. **1999**, 159, 1865-70	139
2228	[16] Resveratrol and piceid in wine. **1999**, 299, 184-190	11
2227	(-)-Epiafzelechin: cyclooxygenase-1 inhibitor and anti-inflammatory agent from aerial parts of Celastrus orbiculatus. **1999**, 65, 460-2	39
2226	Efficacy of Pinosylvins against White-Rot and Brown-Rot Fungi. **1999**, 53, 491-497	63
2225	Oxidant stress: the role of nutrients in cell-lipoprotein interactions. **1999**, 58, 559-63	16
2224	Plant natural products: the molecular genetic basis of biosynthetic diversity. **1999**, 10, 192-7	44
2223	Antitumor agents 200. Cytotoxicity of naturally occurring resveratrol oligomers and their acetate derivatives. **1999**, 9, 3057-60	94
2222	Resveratrol prevents apoptosis in K562 cells by inhibiting lipoxygenase and cyclooxygenase activity. **1999**, 265, 27-34	149
2221	Probing plant polyketide biosynthesis. **1999**, 6, 714-6	20
2220	Structure of chalcone synthase and the molecular basis of plant polyketide biosynthesis. **1999**, 6, 775-84	470
2219	Cyclooxygenase-deficient mice. A summary of their characteristics and susceptibilities to inflammation and carcinogenesis. **1999**, 889, 52-61	146
2218	Resveratrol inhibits cyclooxygenase-2 transcription in human mammary epithelial cells. **1999**, 889, 214-23	79
2217	Suppression of nitric oxide synthase and the down-regulation of the activation of NFkappaB in macrophages by resveratrol. **1999**, 126, 673-80	388
2216	trans-Resveratrol inhibits calcium influx in thrombin-stimulated human platelets. **1999**, 128, 149-57	68
2215	Statistical design for optimization of extraction of polyphenols from an inert matrix using carbon dioxide-based fluids. **1999**, 391, 321-329	32

2214	Expression of a chimeric stilbene synthase gene in transgenic wheat lines. **1999**, 8, 179-189	43
2213	Resveratrol inhibits copper ion-induced and azo compound-initiated oxidative modification of human low density lipoprotein. **1999**, 47, 1089-96	7
2212	Determination of stilbenes (trans-astringin, cis- and trans-piceid, and cis- and trans-resveratrol) in Portuguese wines. **1999**, 47, 2666-70	174
2211	Evaluation of resveratrol derivatives as potential antioxidants and identification of a reaction product of resveratrol and 2, 2-diphenyl-1-picryhydrazyl radical. **1999**, 47, 3974-7	141
2210	Resveratrol inhibition of herpes simplex virus replication. **1999**, 43, 145-55	155
2209	Inhibitory effects of resveratrol analogs on unopsonized zymosan-induced oxygen radical production. **1999**, 57, 705-12	122
2208	Effects of the wine polyphenolics quercetin and resveratrol on pro-inflammatory cytokine expression in RAW 264.7 macrophages. **1999**, 57, 941-9	262
2207	Cyclooxygenase knockout mice: models for elucidating isoform-specific functions. **1999**, 58, 1237-46	199
2206	Role of prostaglandins generated by cyclooxygenase-1 and cyclooxygenase-2 in healing of ischemia-reperfusion-induced gastric lesions. **1999**, 385, 47-61	77
2205	Antioxidant and anti-inflammatory activity of Emilia sonchifolia. **1999**, 70, 275-278	20
2204	Resveratrol, melatonin, vitamin E, and PBN protect against renal oxidative DNA damage induced by the kidney carcinogen KBrO3. **1999**, 26, 1531-7	98
2203	The red wine antioxidant resveratrol protects isolated rat hearts from ischemia reperfusion injury. **1999**, 27, 160-9	288
2202	Inhibitory effect of resveratrol on interleukin 6 release by stimulated peritoneal macrophages of mice. **1999**, 6, 79-84	74
2201	Molecular mechanisms of chemopreventive effects of selected dietary and medicinal phenolic substances. **1999**, 428, 305-27	445
2200	Resveratrol, a natural product derived from grape, exhibits antiestrogenic activity and inhibits the growth of human breast cancer cells. **1999**, 179, 297-304	245
2199	Tobacco, alcohol and the risk of gastric cancer by sub-site and histologic type. **1999**, 83, 223-9	88
2198	Liquid chromatography/mass spectrometric determination of trans-resveratrol in wine using a tandem solid-phase extraction method. **1999**, 13, 1112-1115	24
2197	Mechanism-based cancer prevention approaches: targets, examples, and the use of transgenic mice. **1999**, 91, 215-25	138

2196	Stilbene Production by Vitis vinifera Cell Suspension Cultures: Methyl Jasmonate Induction and 13C Biolabeling. **1999**, 62, 1688-1690		68
2195	Nutritional genomics: manipulating plant micronutrients to improve human health. *Science*, **1999**, 285, 375-9	33.3	251
2194	Response of blood platelets to resveratrol. **1999**, 10, 247-52		22
2193	Chemoprevention: Insights into biological mechanisms and promising food factors. **1999**, 15, 335-395		20
2192	The cancer chemopreventive agent resveratrol is incorporated into model membranes and inhibits protein kinase C alpha activity. **1999**, 372, 382-8		70
2191	From mutagen hunter to genome defender, a change in paradigm. **1999**, 437, 113-9		2
2190	Resveratrol-induced activation of the mitogen-activated protein kinases, ERK1 and ERK2, in human neuroblastoma SH-SY5Y cells. **1999**, 264, 141-4		79
2189	Occurrence of resveratrol and pterostilbene in age-old darakchasava, an ayurvedic medicine from India. **1999**, 68, 71-6		99
2188	Preliminary screening of some traditional zulu medicinal plants for anti-inflammatory and anti-microbial activities. **1999**, 68, 267-74		184
2187	Les potentialitiš de la transghšse. **1999**, 1999, 28-30		
2186	Evaluation of butylated hydroxyanisole, myo-inositol, curcumin, esculetin, resveratrol and lycopene as inhibitors of benzo[a]pyrene plus 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone-induced lung tumorigenesis in A/J mice. **1999**, 137, 123-30		133
2185	Resveratrol, an antioxidant present in red wine, induces apoptosis in human promyelocytic leukemia (HL-60) cells. **1999**, 140, 1-10		287
2184	Mortality and light to moderate alcohol consumption after myocardial infarction. **1999**, 353, 1272-3		1
2183	Grape catechinsâ□atural antioxidants. **1999**, 10, 15-23		6
2182	Effects of fining agents on trans-resveratrol concentration in wine. **1999**, 5, 22-26		11
2181	The Na+/H+ exchanger modulates the fibrogenic effect of oxidative stress in rat hepatic stellate cells. **1999**, 30, 868-75		61
2180	Resveratrol inhibits MAPK activity and nuclear translocation in coronary artery smooth muscle: reversal of endothelin-1 stimulatory effects. **1999**, 451, 63-7		102
2179	New bioactive flavonoids and stilbenes in cub˜resin insecticide. **1999**, 62, 205-10		74

2178	Piceid, the major resveratrol derivative in grape juices. **1999**, 47, 1533-6	217
2177	Resveratrol is a potent inhibitor of the dioxygenase activity of lipoxygenase. **1999**, 47, 4842-6	87
2176	trans-resveratrol content in commercial peanuts and peanut products. **1999**, 47, 1435-9	194
2175	IMPROVING THE NUTRIENT COMPOSITION OF PLANTS TO ENHANCE HUMAN NUTRITION AND HEALTH1. **1999**, 50, 133-161	339
2174	Determination of trans-resveratrol in plasma by HPLC. **1999**, 71, 747-50	85
2173	Moscatilin from Dendrobium nobile, a naturally occurring bibenzyl compound with potential antimutagenic activity. **1999**, 47, 2163-7	42
2172	Structure-antimutagenic activity relationship study of plicatin B. **1999**, 62, 102-6	16
2171	Resveratrol suppresses cell transformation and induces apoptosis through a p53-dependent pathway. **1999**, 20, 237-42	255
2170	Resveratrol preferentially inhibits protein kinase C-catalyzed phosphorylation of a cofactor-independent, arginine-rich protein substrate by a novel mechanism. **1999**, 38, 13244-51	89
2169	Resveratrol, a polyphenolic compound found in wine, inhibits tissue factor expression in vascular cells : A possible mechanism for the cardiovascular benefits associated with moderate consumption of wine. **1999**, 19, 419-26	173
2168	Changes in the phytoalexin content of various Vitis spp. in response to ultraviolet C elicitation. **1999**, 47, 4456-61	127
2167	Antineoplastic agents. 410. Asymmetric hydroxylation of trans-combretastatin A-4. **1999**, 42, 1459-65	66
2166	Differential effects on growth, cell cycle arrest, and induction of apoptosis by resveratrol in human prostate cancer cell lines. **1999**, 249, 109-15	302
2165	Resveratrol, a natural product present in wine, decreases tumour growth in a rat tumour model. **1999**, 254, 739-43	220
2164	Piceatannol, a stilbene phytochemical, inhibits mitochondrial F0F1-ATPase activity by targeting the F1 complex. **1999**, 261, 499-503	91
2163	Resveratrol is a selective human cytochrome P450 1A1 inhibitor. **1999**, 262, 20-4	200
2162	ANTIOXIDANT POTENCY AND MODE OF ACTION OF FLAVONOIDS AND PHENOLIC COMPOUNDS. **1999**, 114-123	2
2161	Alcohol consumption and risk of breast cancer: the Framingham Study revisited. **1999**, 149, 93-101	75

2160	Alcohol intake and the risk of lung cancer: influence of type of alcoholic beverage. **1999**, 149, 463-70	87
2159	Type of alcohol consumed and mortality from all causes, coronary heart disease, and cancer. **2000**, 133, 411-9	336
2158	Resveratrol depresses the growth of colorectal aberrant crypt foci by affecting bax and p21CIP expression. **2000**, 21, 1619-1622	36
2157	Bitter taste, phytonutrients, and the consumer: a review. **2000**, 72, 1424-35	838
2156	Resveratrol depresses the growth of colorectal aberrant crypt foci by affecting bax and p21CIP expression. **2000**, 21, 1619-1622	223
2155	Dietary intake and bioavailability of polyphenols. **2000**, 130, 2073S-85S	2363
2154	Wine and psychiatry. **2000**, 1, 126	
2153	Antioxidants in chemoprevention of skin cancer. **2001**, 29, 128-39	31
2152	Modulation of the mutagenicity of food carcinogens by oligomeric and polymeric procyanidins isolated from grape seeds: synergistic genotoxicity with N-nitrosopyrrolidine. **2000**, 80, 91-101	12
2151	Isoflavones, lignans and stilbenes â□origins, metabolism and potential importance to human health. **2000**, 80, 1044-1062	197
2150	Proanthocyanidins and tannin-like compounds â□nature, occurrence, dietary intake and effects on nutrition and health. **2000**, 80, 1094-1117	910
2149	24R,25-(OH)(2)D(3) mediates its membrane receptor-dependent effects on protein kinase C and alkaline phosphatase via phospholipase A(2) and cyclooxygenase-1 but not cyclooxygenase-2 in growth plate chondrocytes. **2000**, 182, 390-401	31
2148	Flavonoids apigenin and quercetin inhibit melanoma growth and metastatic potential. **2000**, 87, 595-600	358
2147	Thermally initiated radical reactions of K2S2O8: EPR spin trapping investigations. **2000**, 38, 957-962	12
2146	Potent inhibitory action of red wine polyphenols on human breast cancer cells. **2000**, 78, 429-41	235
2145	Resveratrol content in wines and musts from the south of Spain. **2000**, 44, 253-6	24
2144	Analysis of resveratrol in wine by capillary electrophoresis. **2000**, 881, 471-81	95
2143	Analysis of several phenolic compounds with potential antioxidant properties in grape extracts and wines by high-performance liquid chromatography-photodiode array detection without sample preparation. **2000**, 881, 461-9	158

2142	Study of polyphenols in grape berries by reversed-phase high-performance liquid chromatography. **2000**, 870, 449-51	44
2141	Resveratrol: an original mechanism on tyrosinase inhibition. **2000**, 22, 219-26	48
2140	Resveratrol induces Fas signalling-independent apoptosis in THP-1 human monocytic leukaemia cells. **2000**, 109, 405-12	73
2139	Vaticanol D, a novel resveratrol hexamer isolated from Vatica rassak. **2000**, 41, 7929-7932	28
2138	Stilbenoids in the stem bark of Hopea parviflora. **2000**, 53, 1015-9	52
2137	Oligostilbenoids in stem bark of Vatica rassak. **2000**, 54, 63-9	90
2136	Prevention of breast cancer. **2000**, 33, 221-38	6
2135	Liquid chromatography with multichannel electrochemical detection for the determination of trans-resveratrol in rat blood utilizing an automated blood sampling device. **2000**, 740, 129-33	24
2134	Resveratrol causes arrest in the S-phase prior to Fas-independent apoptosis in CEM-C7H2 acute leukemia cells. **2000**, 7, 834-42	142
2133	Inhibition of mitochondrial proton F0F1-ATPase/ATP synthase by polyphenolic phytochemicals. **2000**, 130, 1115-23	339
2132	Resveratrol selectively inhibits leukemia cells: a prospective agent for ex vivo bone marrow purging. **2000**, 25, 639-45	82
2131	Antioxidant effect of red wine polyphenols on red blood cells. **2000**, 11, 114-9	126
2130	Gas-phase postderivatization following solid-phase microextraction for rapid determination of trans-resveratrol in wine by gas chromatography-mass spectrometry. **2000**, 424, 19-25	57
2129	Risk factors for alcoholic liver disease. **2000**, 5, 261-8	9
2128	STUDY OF THE OXIDATION OF RESVERATROL CATALYZED BY POLYPHENOL OXTOASE. EFFECT OF POLYPHENOL OXIDASE, LACCASE AND PEROXIDASE ON THE ANTIRADICAL CAPACITY OF RESVERATROL. **2000**, 24, 225-250	40
2127	Cyclooxygenase-2 and carcinogenesis. **2000**, 1470, M69-78	159
2126	The use of transgenic yeasts expressing a gene encoding a glycosyl-hydrolase as a tool to increase resveratrol content in wine. **2000**, 59, 179-83	47
2125	Synthesis and antimicrobial activity of (E)-acetoxystilbenes and alpha,alpha'-dibromoacetoxybibenzyls. **2000**, 55, 151-7	8

2124	Effects of resveratrol on the autophosphorylation of phorbol ester-responsive protein kinases: inhibition of protein kinase D but not protein kinase C isozyme autophosphorylation. **2000**, 60, 1355-9	53
2123	Synergy between ethanol and grape polyphenols, quercetin, and resveratrol, in the inhibition of the inducible nitric oxide synthase pathway. **2000**, 60, 1539-48	149
2122	Effect of resveratrol, a natural polyphenolic compound, on reactive oxygen species and prostaglandin production. **2000**, 59, 865-70	325
2121	Peroxidases. **2000**, 129, 113-39	211
2120	Engineering the plant cell factory for secondary metabolite production. **2000**, 9, 323-43; discussion 321	140
2119	Resveratrol Activates Membrane-bound Guanylate Cyclase in PC12 Cells. **2000**, 6, 211-215	3
2118	Deactivation of cultured human liver myofibroblasts by trans-resveratrol, a grapevine-derived polyphenol. **2000**, 31, 922-31	94
2117	Occurrence of resveratrol in edible peanuts. **2000**, 48, 1243-6	283
2116	Protective effect of oleuropein, an olive oil biophenol, on low density lipoprotein oxidizability in rabbits. **2000**, 35, 45-54	135
2115	A survey of phenolic compounds in Spanish wines of different geographical origin. **2000**, 210, 445-448	95
2114	Kiwifruits (Actinidia deliciosa) transformed with a Vitis stilbene synthase gene produce piceid (resveratrol-glucoside). **2000**, 19, 904-910	100
2113	An Introduction to the Biosynthesis of Chemicals Used in Plant-Microbe Communication. **2000**, 19, 131-143	78
2112	Signal transduction events elicited by natural products: role of MAPK and caspase pathways in homeostatic response and induction of apoptosis. **2000**, 23, 1-16	212
2111	Diet/Gene Interactions: Food and Botanical Sources of Cyclooxygenase Inhibitors for the Prevention of Colon Cancer. **2000**, 285-290	
2110	. **2000**,	9
2109	Nutritional modulation of the carcinogenesis process: targets and examples. **2000**, 4, 1-18; discussion 18-21	
2108	The Family of Chalcone Synthase-Related Proteins: Functional Diversity and Evolution. **2000**, 34, 55-89	24
2107	Resveratrol suppresses TNF-induced activation of nuclear transcription factors NF-kappa B, activator protein-1, and apoptosis: potential role of reactive oxygen intermediates and lipid peroxidation. **2000**, 164, 6509-19	738

2106	Dose-dependent effect of resveratrol on proliferation and apoptosis in endothelial and tumor cell cultures. **2000**, 32, 88-92	91
2105	The role of cyclooxygenase and lipoxygenase in cancer chemoprevention. **2000**, 17, 109-57	129
2104	Toward a remarriage of psychiatry and neurology. **2000**, 1, 126	
2103	Inhibition of tyrosinase by flavonoids, stilbenes and related 4-substituted resorcinols: structure-activity investigations. **2000**, 66, 11-5	136
2102	Constitutive accumulation of a resveratrol-glucoside in transgenic alfalfa increases resistance to Phoma medicaginis. **2000**, 13, 551-62	167
2101	FOOD CHEMICAL ANALYSIS BY LASER DESORPTION AND RESONANT IONIZATION MASS SPECTROMETRY. **2000**, 19, 1-30	5
2100	New phenolic radical scavengers from saxifraga cuneifolia. **2000**, 38, 222-8	10
2099	Resveratrol acts as a mixed agonist/antagonist for estrogen receptors alpha and beta. **2000**, 141, 3657-67	433
2098	Mucin secretion is modulated by luminal factors in the isolated vascularly perfused rat colon. **2000**, 46, 218-24	250
2097	Biological effects of resveratrol. **2000**, 66, 663-73	1158
2096	Effects of trans-resveratrol on copper-dependent hydroxyl-radical formation and DNA damage: evidence for hydroxyl-radical scavenging and a novel, glutathione-sparing mechanism of action. **2000**, 381, 253-63	116
2095	Resveratrol is absorbed in the small intestine as resveratrol glucuronide. **2000**, 272, 212-7	192
2094	Resveratrol reverses tumor-promoter-induced inhibition of gap-junctional intercellular communication. **2000**, 275, 804-9	62
2093	Self-assembly of beta-amyloid 42 is retarded by small molecular ligands at the stage of structural intermediates. **2000**, 130, 232-46	53
2092	Relationship among antioxidant activity, vasodilation capacity, and phenolic content of red wines. **2000**, 48, 220-30	328
2091	In vitro cytotoxic and antitumor property of Emilia sonchifolia (L.) DC in mice. **2000**, 73, 495-500	30
2090	Functional detection of chemopreventive glucosinolates in Arabidopsis thaliana. **2000**, 159, 265-272	21
2089	DNA breakage by resveratrol and Cu(II): reaction mechanism and bacteriophage inactivation. **2000**, 154, 29-37	109

2088	Anti-proliferative effect of resveratrol, a natural component of grapes and wine, on human colonic cancer cells. **2000**, 158, 85-91	281
2087	Prenylated chalcones and flavanones as inducers of quinone reductase in mouse Hepa 1c1c7 cells. **2000**, 149, 21-9	130
2086	Partial neuroprotection of in vivo excitotoxic brain damage by chronic administration of the red wine antioxidant agent, trans-resveratrol in rats. **2000**, 281, 123-6	202
2085	Resveratrol inhibits AGEs-induced proliferation and collagen synthesis activity in vascular smooth muscle cells from stroke-prone spontaneously hypertensive rats. **2000**, 274, 61-7	84
2084	Signal transduction pathways: targets for chemoprevention of skin cancer. **2000**, 1, 181-8	119
2083	The membrane effects of 17beta-estradiol on chondrocyte phenotypic expression are mediated by activation of protein kinase C through phospholipase C and G-proteins. **2000**, 73, 211-24	49
2082	Experimental basis for the prevention of breast cancer. **2000**, 36, 1275-82	63
2081	Selection of cancer chemopreventive agents based on inhibition of topoisomerase II activity. **2000**, 36, 2146-56	38
2080	Resveratrol, a red wine constituent, is a mechanism-based inactivator of cytochrome P450 3A4. **2000**, 67, 3103-12	109
2079	Estrogenic/antiestrogenic and scavenging properties of (E)- and (Z)-resveratrol. **2000**, 66, 769-77	135
2078	Isolation and identification of stilbenes in two varieties of Polygonum cuspidatum. **2000**, 48, 253-6	206
2077	Bibliographie. 287-319	
2076	Cancer chemoprevention and apoptosis mechanisms induced by dietary polyphenolics. **2000**, 17, 311-49	145
2075	Variabilidad del contenido de polifenoles de distintos tipos de vino y su potencial aplicaci al conocimiento de sus efectos biol icos. **2000**, 114, 331-332	5
2074	Trans-resveratrol modulates the catalytic activity and mRNA expression of the procarcinogen-activating human cytochrome P450 1B1. **2000**, 78, 874-881	45
2073	Effect of postharvest ultraviolet irradiation on resveratrol and other phenolics of cv. Napoleon table grapes. **2000**, 48, 4606-12	177
2072	Myocardial protection by protykin, a novel extract of trans-resveratrol and emodin. **2000**, 32, 135-44	69
2071	POTENTIAL AND PERSPECTIVES FOR APPLICATION OF ENVIRONMENTAL MANAGEMENT SYSTEM (EMS) AND ISO 14000 TO FOOD INDUSTRIES. **2000**, 16, 177-237	23

2070	Wine antioxidant polyphenols inhibit the proliferation of human prostate cancer cell lines. **2000**, 37, 223-33	184
2069	The effects of alcohol consumption upon the gastrointestinal tract. **2000**, 95, 3374-82	218
2068	Resveratrol inhibition of lipid peroxidation. **2000**, 33, 105-14	141
2067	Separation of biologically active lipids from red wine. **2000**, 48, 1234-8	43
2066	Stilbene glycoside sulfates from Polygonum cuspidatum. **2000**, 63, 1373-6	59
2065	Dissection of malonyl-coenzyme A decarboxylation from polyketide formation in the reaction mechanism of a plant polyketide synthase. **2000**, 39, 890-902	277
2064	LIQUID CHROMATOGRAPHY WITH MULTI-CHANNEL ELECTROCHEMICAL DETECTION FOR THE DETERMINATION OF RESVERATROL IN WINE, GRAPE JUICE, AND GRAPE SEED CAPSULES WITH AUTOMATED SOLID PHASE EXTRACTION. **2000**, 23, 1555-1564	18
2063	The flavonoid quercetin ameliorates liver damage in rats with biliary obstruction. **2000**, 33, 742-50	118
2062	EUROTOX 2000 17â20 September 2000 imperial college of science, technology & medicine London, England. **2000**, 116, 1-118	3
2061	In vitro response of human gingival epithelial S-G cells to resveratrol. **2000**, 114, 143-53	38
2060	Stilbene content of mature Vitis vinifera berries in response to UV-C elicitation. **2000**, 48, 6103-5	202
2059	Bioactive constituents of the family differocarpaceae. **2000**, 23, 531-561	7
2058	A Brief Summary of Biologically Active Compounds from Magnolia spp.. **2000**, 24, 845-873	14
2057	Polyphenols and Cancer Prevention. **2001**, 177-190	1
2056	Trans-Resveratrol and the Liver: Deactivation of Liver Myofibroblasts and Inhibition of Tumor Cell Invasion. **2001**, 81-97	
2055	Physiological Properties of Resveratrol Isomers in Wine: Compositional Changes during Processing. **2001**, 123-137	
2054	Resveratrol, a Novel Inhibitor of Cyclooxygenase-2 Gene Expression. **2001**, 67-80	
2053	A novel cyclooxygenase-inhibitory stilbenolignan from the seeds of Aiphanes aculeata. **2001**, 3, 2169-71	68

2052	Potential cancer-chemopreventive activities of wine stilbenoids and flavans extracted from grape (Vitis vinifera) cell cultures. **2001**, 40, 173-9	107
2051	Biological effects of resveratrol. **2001**, 3, 1041-64	351
2050	Inhibition of CYP3A, CYP1A and CYP2E1 activities by resveratrol and other non volatile red wine components. **2001**, 125, 83-91	137
2049	Grape Extract, Resveratrol, and Its Analogs: A Review. **2001**, 4, 93-105	68
2048	Diversity-oriented synthesis of multisubstituted olefins through the sequential integration of palladium-catalyzed cross-coupling reactions. 2-pyridyldimethyl(vinyl)silane as a versatile platform for olefin synthesis. **2001**, 123, 11577-85	162
2047	Coronary heart disease: dietary links and pathogenesis. **2001**, 4, 459-74	38
2046	Chapter Eleven Resveratrol glucoside engineering: plant and human health benefits. **2001**, 233-255	1
2045	Specific structural determinants are responsible for the antioxidant activity and the cell cycle effects of resveratrol. **2001**, 276, 22586-94	372
2044	Resveratrol inhibits phorbol ester and UV-induced activator protein 1 activation by interfering with mitogen-activated protein kinase pathways. **2001**, 60, 217-24	132
2043	Nutrition and Cancer Prevention. **2001**,	3
2042	Effect of trans-resveratrol on 7-benzyloxy-4-trifluoromethylcoumarin O-dealkylation catalyzed by human recombinant CYP3A4 and CYP3A5. **2001**, 79, 220-226	20
2041	Inhibition of carcinogenesis by dietary polyphenolic compounds. **2001**, 21, 381-406	997
2040	Prospects for strengthening plant defenses through phytoalexin engineering. **2001**, 59, 71-81	26
2039	Efficiency and mechanism of the antioxidant action of trans-resveratrol and its analogues in the radical liposome oxidation. **2001**, 391, 79-89	206
2038	Involvement of the retinoblastoma (pRb)-E2F/DP pathway during antiproliferative effects of resveratrol in human epidermoid carcinoma (A431) cells. **2001**, 288, 579-85	72
2037	Chemopreventive agent resveratrol, a natural product derived from grapes, reversibly inhibits progression through S and G2 phases of the cell cycle in U937 cells. **2001**, 163, 43-9	114
2036	Resveratrol and quercetin inhibit angiogenesis in vitro. **2001**, 171, 11-6	173
2035	Resveratrol suppresses hepatoma cell invasion independently of its anti-proliferative action. **2001**, 167, 151-6	77

2034	Method for the quantitative extraction of resveratrol and piceid isomers in grape berry skins. Effect of powdery mildew on the stilbene content. **2001**, 49, 210-5	178
2033	DNA oxidatively damaged by chromium(III) and H(2)O(2) is protected by the antioxidants melatonin, N(1)-acetyl-N(2)-formyl-5-methoxykynuramine, resveratrol and uric acid. **2001**, 33, 775-83	121
2032	Resveratrol, a naturally occurring polyphenol, induces sister chromatid exchanges in a Chinese hamster lung (CHL) cell line. **2001**, 494, 107-13	43
2031	Antioxidative and antitumor promoting effects of [6]-paradol and its homologs. **2001**, 496, 199-206	82
2030	Resveratrol, a natural phenolic compound, inhibits cell proliferation and prevents oxidative DNA damage. **2001**, 496, 171-80	183
2029	Protective effects of resveratrol on hydrogen peroxide-induced apoptosis in rat pheochromocytoma (PC12) cells. **2001**, 496, 181-90	185
2028	Resveratrol decreases hyperalgesia induced by carrageenan in the rat hind paw. **2001**, 68, 1317-21	60
2027	Inhibitory effect of resveratrol on proteinuria, hypoalbuminemia and hyperlipidemia in nephritic rats. **2001**, 68, 2845-52	42
2026	Resveratrol reduction of infarct size in Long-Evans rats subjected to focal cerebral ischemia. **2001**, 69, 1057-65	138
2025	Effects of resveratrol on human immune cell function. **2001**, 70, 81-96	119
2024	In vivo inhibition of TNFalpha-induced vascular permeability by resveratrol. **2001**, 33, 2341-3	22
2023	Endothelial cell surface F1-F0 ATP synthase is active in ATP synthesis and is inhibited by angiostatin. **2001**, 98, 6656-61	270
2022	Signal Transduction Events Elicited by Natural Products that Function as Cancer Chemopreventive Agents. **2001**, 39, 83-107	8
2021	Resveratrol--from the bottle to the bedside?. **2001**, 40, 491-8	38
2020	Polyphenols newly extracted in red wine from southwestern France by centrifugal partition chromatography. **2001**, 49, 5934-8	39
2019	Antimutagenic activity of isoflavone from Pueraria lobata. **2001**, 49, 336-41	56
2018	Postharvest induction modeling method using UV irradiation pulses for obtaining resveratrol-enriched table grapes: a new "functional" fruit?. **2001**, 49, 5052-8	143
2017	Two new stilbene dimer glucosides from grape (Vitis vinifera) cell cultures. **2001**, 64, 136-8	92

2016	Antioxidative properties of phenolic antioxidants isolated from corn steep liquor. **2001**, 49, 177-82	58
2015	A new naphthopyrone derivative from Cassia quinquangulata and structural revision of quinquangulin and its glycosides. **2001**, 64, 1153-6	17
2014	Thyroid hormone promotes serine phosphorylation of p53 by mitogen-activated protein kinase. **2001**, 40, 2870-8	99
2013	Absorption Spectra, pKa, and Reduction Potential of Phenoxyl Radical from 4,4â€Biphenol in Aqueous Medium. **2001**, 105, 5954-5959	19
2012	NAPUS 2000 Rapeseed (Brassica napus) breeding for improved human nutrition. **2001**, 8, 49-52	
2011	. **2001**,	14
2010	PC-SPES and prostate cancer. **2001**, 131, 164S-166S	5
2009	Abstracts of Original Communications. **2001**, 60, 1A-80A	
2008	Hopeafuran and a C-glucosyl resveratrol isolated from stem wood of Hopea utilis. **2001**, 49, 785-7	43
2007	Comparative Analysis of Concentrations of trans- and cis-Resveratrol in Must and Wine from Eleven Different Grapevines Grown in Hokkaido, Northern Japan.. **2001**, 50, 895-903	2
2006	Chemoprevention of skin cancer through natural agents. **2001**, 14, 373-85	21
2005	The Phenolic Wine Antioxidants. **2001**,	2
2004	Resveratrol isolated from Polygonum cuspidatum root prevents tumor growth and metastasis to lung and tumor-induced neovascularization in Lewis lung carcinoma-bearing mice. **2001**, 131, 1844-9	219
2003	Moderate Wine and Alcohol Consumption: Beneficial Effects on Cardiovascular Disease. **2001**, 86, 517-528	64
2002	The Mediterranean diets: What is so special about the diet of Greece? The scientific evidence. **2001**, 131, 3065S-73S	298
2001	Herbals, cancer prevention and health. **2001**, 131, 3034S-6S	72
2000	Downregulation of the cyclin D1/Cdk4 complex occurs during resveratrol-induced cell cycle arrest in colon cancer cell lines. **2001**, 131, 2197-203	160
1999	Differential response of immature rat uterine tissue to ethinylestradiol and the red wine constituent resveratrol. **2001**, 74, 709-15	31

1998	The role of antioxidants in the Mediterranean diet. **2001**, 36 Suppl, S49-52	78
1997	Resveratrol inhibits human breast cancer cell growth and may mitigate the effect of linoleic acid, a potent breast cancer cell stimulator. **2001**, 127, 258-64	141
1996	Function of resveratrol derived from transgenic plant expressing resveratrol synthase gene. **2001**, 46, 1103-1107	1
1995	Natural modulators of estrogen biosynthesis and function as chemopreventive agents. **2001**, 24, 473-84	14
1994	Induction of quinone reductase activity by stilbene analogs in mouse Hepa 1c1c7 cells. **2001**, 24, 597-600	11
1993	Resveratrol analog, 3,5,2',4'-tetramethoxy-trans-stilbene, potentiates the inhibition of cell growth and induces apoptosis in human cancer cells. **2001**, 24, 441-5	26
1992	Changes in phenolic composition of wines submitted to in vitro dissolution tests. **2001**, 73, 11-16	17
1991	High-pressure solubility data of the system resveratrol (3)+ethanol (2)+CO2 (1). **2001**, 19, 133-139	38
1990	Resveratrol, a natural dietary phytoalexin, possesses similar properties to hydroxyurea towards erythroid differentiation. **2001**, 113, 500-7	43
1989	trans-resveratrol protects embryonic mesencephalic cells from tert-butyl hydroperoxide: electron paramagnetic resonance spin trapping evidence for a radical scavenging mechanism. **2000**, 75, 141-50	67
1988	Novel polyketides synthesized with a higher plant stilbene synthase. **2001**, 268, 3759-66	61
1987	Fluorinated resveratrol and pterostilbene. **2001**, 42, 9127-9130	51
1986	A novel bridged stilbenoid trimer and four highly condensed stilbenoid oligomers in Vatica rassak. **2001**, 57, 7309-7321	63
1985	Total synthesis of isotopically labelled flavonoids. Part 3: â□â□For Part 2, see Ref. 1. 13 C-labelled (â]]-procyanidin B3 from 1-[13 C]-acetic acid. **2001**, 42, 1279-1281	23
1984	Classic NSAID and selective cyclooxygenase (COX)-1 and COX-2 inhibitors in healing of chronic gastric ulcers. **2001**, 53, 343-53	107
1983	Phenolic compounds and related enzymes as determinants of quality in fruits and vegetables. **2001** , 81, 853-876	738
1982	Lung carcinogenesis: Resveratrol modulates the expression of genes involved in the metabolism of PAH in human bronchial epithelial cells. **2001**, 92, 18-25	62
1981	Both cyclooxygenase-1 and cyclooxygenase-2 mediate osteoblast response to titanium surface roughness. **2001**, 55, 350-9	50

1980	Resveratrol induces colon tumor cell apoptosis independently of p53 and precede by epithelial differentiation, mitochondrial proliferation and membrane potential collapse. **2001**, 94, 615-22	138
1979	Effects of 1alpha,25-(OH)(2)D(3) on rat growth zone chondrocytes are mediated via cyclooxygenase-1 and phospholipase A(2). **2001**, Suppl 36, 32-45	22
1978	Resveratrol inhibits the proliferation of normal human keratinocytes in vitro. **2001**, Suppl 36, 55-62	29
1977	On-line identification of trans- and cis-resveratrol by nonaqueous capillary electrophoresis/fluorescence spectroscopy at 77 K. **2001**, 22, 2574-9	35
1976	Separation of phenolic compounds by high-performance liquid chromatography with absorbance and fluorimetric detection. **2001**, 912, 249-57	260
1975	Automated solid-phase extraction for sample preparation followed by high-performance liquid chromatography with diode array and mass spectrometric detection for the analysis of resveratrol derivatives in wine. **2001**, 918, 303-10	54
1974	Large-scale separation of resveratrol, anthraglycoside A and anthraglycoside B from Polygonum cuspidatum Sieb. et Zucc by high-speed counter-current chromatography. **2001**, 919, 443-8	64
1973	High-speed counter-current chromatography separation and purification of resveratrol and piceid from Polygonum cuspidatum. **2001**, 907, 343-6	79
1972	The world of resveratrol. **2001**, 492, 159-82	74
1971	Antioxidant activity of resveratrol in endotoxin-stimulated blood platelets. **2001**, 17, 117-25	47
1970	Effect of type of alcoholic beverage on the risks of upper aerodigestive tract cancers in Brazil. **2001** , 12, 579-87	36
1969	Prospects for targeting protein kinase C isozymes in the therapy of drug-resistant cancer--an evolving story. **2001**, 20, 95-100	26
1968	Analysis of trans-resveratrol by laser desorption coupled with resonant ionization spectrometry. Application to trans-resveratrol content in vine leaves and grape skin. **2001**, 73, 5921-9	30
1967	Predicting the activity of phenolic antioxidants: theoretical method, analysis of substituent effects, and application to major families of antioxidants. **2001**, 123, 1173-83	1209
1966	Optimisation of sample preparation for the determination of trans-resveratrol and other polyphenolic compounds in wines by high performance liquid chromatography. **2001**, 428, 245-253	98
1965	Lipoxygenases and their involvement in programmed cell death. **2001**, 8, 776-84	133
1964	Piceatannol, a hydroxylated analog of the chemopreventive agent resveratrol, is a potent inducer of apoptosis in the lymphoma cell line BJAB and in primary, leukemic lymphoblasts. **2001**, 15, 1735-42	145
1963	Inhibition of Oxidative and Antioxidative Enzymes by Trans-Resveratrol. **2001**, 66, 200-203	12

1962	Resveratrol inhibits interleukin-6 production in cortical mixed glial cells under hypoxia/hypoglycemia followed by reoxygenation. **2001**, 112, 28-34	60
1961	Involvement of a post-transcriptional mechanism in the inhibition of CYP1A1 expression by resveratrol in breast cancer cells. **2001**, 62, 1113-24	63
1960	Immunomodulatory activity of resveratrol: suppression of lymphocyte proliferation, development of cell-mediated cytotoxicity, and cytokine production. **2001**, 62, 1299-308	175
1959	Resveratrol-induced inactivation of human gastric adenocarcinoma cells through a protein kinase C-mediated mechanism. **2001**, 62, 1423-32	71
1958	Inhibition of protein kinase D by resveratrol. **2001**, 62, 1647-51	50
1957	Interaction of sheep liver cytosolic aldehyde dehydrogenase with quercetin, resveratrol and diethylstilbestrol. **2001**, 130-132, 57-69	29
1956	Molecular mechanisms underlying chemopreventive activities of anti-inflammatory phytochemicals: down-regulation of COX-2 and iNOS through suppression of NF-kappa B activation. **2001**, 480-481, 243-68	1166
1955	Ischemic preconditioning, the most effective gastroprotective intervention: involvement of prostaglandins, nitric oxide, adenosine and sensory nerves. **2001**, 427, 263-76	49
1954	Resveratrol inhibits the formation of phosphatidic acid and diglyceride in chemotactic peptide- or phorbol ester-stimulated human neutrophils. **2001**, 13, 191-7	25
1953	Resveratrol, a tumor-suppressive compound from grapes, induces apoptosis via a novel mitochondrial pathway controlled by Bcl-2. **2001**, 15, 1613-5	161
1952	Identification of the enzymatic active site of tobacco caffeoyl-coenzyme A O-methyltransferase by site-directed mutagenesis. **2001**, 276, 36831-8	22
1951	Commentary: could abstinence from alcohol be hazardous to your health?. **2001**, 30, 739-42	19
1950	Factors influencing the relation between alcohol and mortality - with focus on wine. **2001**, 250, 291-308	27
1949	Resveratrol analog, 3,4,5,4'-tetrahydroxystilbene, differentially induces pro-apoptotic p53/Bax gene expression and inhibits the growth of transformed cells but not their normal counterparts. **2001**, 22, 321-8	88
1948	Development of QSAR models to predict estrogenic, carcinogenic, and cancer protective effects of phytoestrogens. **2001**, 19, 201-16	10
1947	Resveratrol, a polyphenol found in wine, reduces ischemia reperfusion injury in rat kidneys. **2001**, 37, 262-70	126
1946	Induction of atypical ductal hyperplasia in mouse mammary gland organ culture. **2001**, 93, 1103-6	22
1945	Trans-resveratrol, a grapevine-derived polyphenol, blocks hepatocyte growth factor-induced invasion of hepatocellular carcinoma cells. **2001**, 19, 83	1

1944	Mechanism of cardioprotection by resveratrol, a phenolic antioxidant present in red wine (Review). **2001**, 8, 3-17	206
1943	Bcl-2 overexpression attenuates resveratrol-induced apoptosis in U937 cells by inhibition of caspase-3 activity. **2001**, 22, 1633-9	89
1942	Suppression of angiogenesis, tumor growth, and wound healing by resveratrol, a natural compound in red wine and grapes. **2001**, 15, 1798-800	279
1941	Physiological Role and Molecular Aspects of Grapevine Stilbenic Compounds. **2001**, 153-182	20
1940	Commentary: alcohol, coronary heart disease and public health: which evidence-based policy. **2001**, 30, 734-7	14
1939	Exploring the relation of alcohol consumption to risk of breast cancer. **2001**, 154, 740-7	93
1938	Low-to-moderate alcohol consumption and breast cancer risk by age 50 years among women in Germany. **2001**, 154, 624-34	30
1937	Commentary: alcohol and coronary heart disease--laying the foundation for future work. **2001**, 30, 738-9	8
1936	Commentary: reflections on alcohol and coronary heart disease. **2001**, 30, 729-34	22
1935	Resveratrol selectively inhibits Neisseria gonorrhoeae and Neisseria meningitidis. **2001**, 47, 243-4	42
1934	Alcohol and coronary heart disease. **2001**, 30, 724-9	80
1933	Resveratrol Content of Tunisian Wines. **2001**, 12, 47-52	1
1932	Molecular targets for nutrients involved with cancer prevention. **2001**, 41, 1-16	60
1931	Resveratrol inhibits intestinal tumorigenesis and modulates host-defense-related gene expression in an animal model of human familial adenomatous polyposis. **2001**, 39, 102-7	173
1930	Effect of resveratrol on the expression of autocrine growth modulators in human breast cancer cells. **2001**, 3, 969-79	29
1929	Protective effect of trans-resveratrol on gentamicin-induced nephrotoxicity. **2002**, 4, 893-8	53
1928	Comparative antiproliferative and apoptotic effects of resveratrol, epsilon-viniferin and vine-shots derived polyphenols (vineatrols) on chronic B lymphocytic leukemia cells and normal human lymphocytes. **2002**, 43, 1991-2002	111
1927	Wine drinking and risk of non-Hodgkin's lymphoma among men in the United States: a population-based case-control study. **2002**, 156, 454-62	37

1926	Photochemoprevention by botanical antioxidants. **2002**, 15, 297-306	70
1925	Resveratrol induces downregulation in survivin expression and apoptosis in HTLV-1-infected cell lines: a prospective agent for adult T cell leukemia chemotherapy. **2002**, 44, 193-201	63
1924	Oxyresveratrol and hydroxystilbene compounds. Inhibitory effect on tyrosinase and mechanism of action. **2002**, 277, 16340-4	230
1923	Inhibition of gastric cancer cell proliferation by resveratrol: role of nitric oxide. **2002**, 282, G809-16	56
1922	Effects of extracts of Coriolus versicolor (I'm-Yunity) on cell-cycle progression and expression of interleukins-1 beta,-6, and -8 in promyelocytic HL-60 leukemic cells and mitogenically stimulated and nonstimulated human lymphocytes. **2002**, 8, 591-602	40
1921	Molecular classification of selective oestrogen receptor modulators on the basis of gene expression profiles of breast cancer cells expressing oestrogen receptor alpha. **2002**, 87, 449-56	23
1920	Suppression of N-nitrosomethylbenzylamine (NMBA)-induced esophageal tumorigenesis in F344 rats by resveratrol. **2002**, 23, 1531-6	121
1919	Resveratrol, a chemopreventive agent, disrupts the cell cycle control of human SW480 colorectal tumor cells. **2002**, 10, 193	8
1918	Molecular analysis on the chemopreventive properties of resveratrol, a plant polyphenol microcomponent. **2002**, 10, 755	3
1917	Phytochemicals as Cell Cycle Modulators A Less Toxic Approach in Halting Human Cancers. **2002**, 1, 155-160	117
1916	Induction of apoptosis by 3,4'-dimethoxy-5-hydroxystilbene in human promyeloid leukemic HL-60 cells. **2002**, 68, 123-7	23
1915	Resveratrol enhances the expression of non-steroidal anti-inflammatory drug-activated gene (NAG-1) by increasing the expression of p53. **2002**, 23, 425-34	167
1914	Resveratrol inhibits the growth and induces the apoptosis of both normal and leukemic hematopoietic cells. **2002**, 23, 1327-33	125
1913	Nonsteroidal anti-inflammatory drugs suppress T-cell activation by inhibiting p38 MAPK induction. **2002**, 277, 1509-13	57
1912	The possible implication of trans-Resveratrol in the cardioprotective effects of long-term moderate wine consumption. **2002**, 61, 294-302	209
1911	Constituents from Polygonum cuspidatum. **2002**, 50, 605-8	69
1910	Resveratrol inhibits proliferation and induces apoptosis in human pancreatic cancer cells. **2002**, 25, e71-6	89
1909	Pharmacological preconditioning with resveratrol: role of nitric oxide. **2002**, 282, H1988-95	145

1908	Dietary phytoestrogens and their synthetic structural analogues as calcium channel blockers in human platelets. **2002**, 40, 399-410	34
1907	Cardioprotection with grapes. **2002**, 40, 762-9	44
1906	Vaticanol C, a novel resveratrol tetramer, inhibits cell growth through induction of apoptosis in colon cancer cell lines. **2002**, 25, 147-8	53
1905	Cytochrome P450 1A1/2 mediated metabolism of trans-stilbene in rats and humans. **2002**, 25, 397-400	13
1904	Recognition of resveratrol by the human estrogen receptor-alpha: a molecular modeling approach to understand its biological actions. **2002**, 11, 86-92	14
1903	Disparate in vitro and in vivo antileukemic effects of resveratrol, a natural polyphenolic compound found in grapes. **2002**, 132, 2076-81	90
1902	The daily oral administration of high doses of trans-resveratrol to rats for 28 days is not harmful. **2002**, 132, 257-60	200
1901	Piceatannol, a natural analog of resveratrol, inhibits progression through the S phase of the cell cycle in colorectal cancer cell lines. **2002**, 132, 298-302	95
1900	Prostaglandin Synthases. **2002**, 189-229	6
1899	Biological activities of resveratrol and its analogs. **2002**, 27, 949	35
1898	Postharvest stilbene-enrichment of red and white table grape varieties using UV-C irradiation pulses. **2002**, 50, 6322-9	106
1897	Antioxidative and free radical scavenging effects of ecdysteroids from Serratula strangulata. **2002**, 80, 1187-94	23
1896	Bioactive compounds in foods: their role in the prevention of cardiovascular disease and cancer. **2002**, 113 Suppl 9B, 71S-88S	1565
1895	Increase of Antioxidant Activity of Tomato Juice Upon Functionalisation with Vegetable Byproduct Extracts. **2002**, 35, 532-542	40
1894	Resveratrol: phytoestrogen effects on reproductive physiology and behavior in female rats. **2002**, 41, 220-8	71
1893	Effect of resveratrol on growth of 4T1 breast cancer cells in vitro and in vivo. **2002**, 291, 1001-5	91
1892	Resveratrol activates membrane-bound guanylyl cyclase in coronary arterial smooth muscle: a novel signaling mechanism in support of coronary protection. **2002**, 291, 1218-24	48
1891	Carbon-14 biolabelling of wine polyphenols in Vitis vinifera cell suspension cultures. **2002**, 95, 49-56	37

1890	Resveratrol affects in a different way primary versus fixed DNA damage induced by H(2)O(2) in mammalian cells in vitro. **2002**, 135, 1-9	24
1889	Hormonal and genotoxic activity of resveratrol. **2002**, 136, 133-42	70
1888	Peanut roots as a source of resveratrol. **2002**, 50, 1665-7	95
1887	Cancer chemopreventive and antioxidant activities of pterostilbene, a naturally occurring analogue of resveratrol. **2002**, 50, 3453-7	224
1886	Constituents of the bark and twigs of Artocarpus dadah with cyclooxygenase inhibitory activity. **2002**, 65, 163-9	98
1885	Antineoplastic agents. 465. Structural modification of resveratrol: sodium resverastatin phosphate. **2002**, 45, 2534-42	158
1884	6-Areneâtricarbonylchromium complexes in the syntheses of trans-resveratrol and pinostilbene. **2002**, 12, 178-179	8
1883	Convenient preparation of trans-arylalkenes via palladium(II)-catalyzed isomerization of cis-arylalkenes. **2002**, 67, 4627-9	130
1882	Resveratrol oligomers: Structure, chemistry, and biological activity. **2002**, 507-579	37
1881	Metabolism and disposition of resveratrol in rats: extent of absorption, glucuronidation, and enterohepatic recirculation evidenced by a linked-rat model. **2002**, 302, 369-73	377
1880	Natural Products in the New Millennium: Prospects and Industrial Application. **2002**,	3
1879	Effects of anthocyanins and other phenolic compounds on the production of tumor necrosis factor alpha in LPS/IFN-gamma-activated RAW 264.7 macrophages. **2002**, 50, 4183-9	194
1878	Resveratrol Induced Serine Phosphorylation Of p53 Causes Apoptosis In A Mutant p53 Prostate Cancer Cell Line. **2002**, 168, 748-755	126
1877	Levels of stilbene oligomers and astilbin in French varietal wines and in grapes during noble rot development. **2002**, 50, 2046-52	88
1876	Intake of wine, beer, and spirits and the risk of clinical common cold. **2002**, 155, 853-8	27
1875	A correlative study on antimutagenic and chemopreventive activity of Acacia auriculiformis A. Cunn. and Acacia nilotica (L.) Willd. Ex Del. **2002**, 25, 39-64	20
1874	Synergistic antioxidant effect of catechin and malvidin 3-glucoside on free radical-initiated peroxidation of linoleic acid in micelles. **2002**, 408, 239-45	76
1873	Effects of resveratrol on the G(0)-G(1) transition and cell cycle progression of mitogenically stimulated human lymphocytes. **2002**, 297, 1311-7	30

1872	Antioxidants induce different phenotypes by a distinct modulation of signal transduction. **2002**, 532, 289-94	35
1871	The action of dietary phytochemicals quercetin, catechin, resveratrol and naringenin on estrogen-mediated gene expression. **2002**, 70, 1577-89	19
1870	Interactive gene expression pattern in prostate cancer cells exposed to phenolic antioxidants. **2002** , 70, 1821-39	41
1869	Effects of resveratrol-related hydroxystilbenes on the nitric oxide production in macrophage cells: structural requirements and mechanism of action. **2002**, 71, 2071-82	64
1868	Inhibition of protein kinase CKII activity by resveratrol, a natural compound in red wine and grapes. **2002**, 71, 2145-52	15
1867	Resveratrol-induced limitation of dysfunction of mitochondria isolated from rat brain in an anoxia-reoxygenation model. **2002**, 71, 3091-108	37
1866	Resveratrol- induced apoptosis is mediated by p53-dependent pathway in Hep G2 cells. **2002**, 72, 23-34	122
1865	Chemopreventive effect of resveratrol, sesamol, sesame oil and sunflower oil in the Epstein-Barr virus early antigen activation assay and the mouse skin two-stage carcinogenesis. **2002**, 45, 499-505	164
1864	NAPUS 2000. Rapeseed (Brassica napus) breeding for improved human nutrition. **2002**, 35, 273-278	31
1863	Inhibition of NAD+-dependent 15-hydroxyprostaglandin dehydrogenase (15-PGDH) by cyclooxygenase inhibitors and chemopreventive agents. **2002**, 67, 461-5	31
1862	Resveratrol--a prostate cancer chemopreventive agent?. **2002**, 7, 223-7	42
1861	Resveratrol and cancer: a review. **2002**, 56, 84-7	158
1860	Polyphenols: do they play a role in the prevention of human pathologies?. **2002**, 56, 200-7	378
1859	Resveratrol modulates rat macrophage functions. **2002**, 2, 767-74	42
1858	Plasmatic levels of trans-resveratrol in rats. **2002**, 35, 195-199	58
1857	Different effects of genistein and resveratrol on oxidative DNA damage in vitro. **2002**, 513, 113-20	75
1856	Evaluation of the antigenotoxic potential of monomeric and dimeric flavanols, and black tea polyphenols against heterocyclic amine-induced DNA damage in human lymphocytes using the Comet assay. **2002**, 515, 39-56	58
1855	Radiosensitizing and anti-proliferative effects of resveratrol in two human cervical tumor cell lines. **2002**, 175, 165-73	91

1854	Resveratrol modulates human mammary epithelial cell O-acetyltransferase, sulfotransferase, and kinase activation of the heterocyclic amine carcinogen N-hydroxy-PhIP. **2002**, 182, 27-32	23
1853	Inhibition of vascular smooth muscle cell proliferation with red wine and red wine polyphenols. **2002**, 35, 1226-32	49
1852	Elementary reactions of the antioxidant action of trans-stilbene derivatives: resveratrol, pinosylvin and 4-hydroxystilbene. **2002**, 4, 757-764	47
1851	Resveratrol enhances the differentiation induced by butyrate in caco-2 colon cancer cells. **2002**, 132, 2082-6	22
1850	A role for cyclooxygenase-2 in lipopolysaccharide-induced anorexia in rats. **2002**, 283, R862-8	66
1849	Alcoholic beverage preference, diet, and health habits in the UNC Alumni Heart Study. **2002**, 76, 466-72	143
1848	Red wine polyphenols inhibit the growth of colon carcinoma cells and modulate the activation pattern of mitogen-activated protein kinases. **2002**, 132, 2814-8	48
1847	Flavonoid effects relevant to cancer. **2002**, 132, 3482S-3489S	76
1846	Role of Bax in resveratrol-induced apoptosis of colorectal carcinoma cells. **2002**, 2, 27	55
1845	Antimicrobial effect of resveratrol on dermatophytes and bacterial pathogens of the skin. **2002**, 63, 99-104	199
1844	The antiproliferative activity of resveratrol results in apoptosis in MCF-7 but not in MDA-MB-231 human breast cancer cells: cell-specific alteration of the cell cycle. **2002**, 64, 1375-86	188
1843	Chemo-enzymatic preparation of resveratrol derivatives. **2002**, 16, 223-229	30
1842	The "French Paradox" and beyond: neuroprotective effects of polyphenols. **2002**, 32, 314-8	257
1841	Redox-sensitive interaction between KIAA0132 and Nrf2 mediates indomethacin-induced expression of gamma-glutamylcysteine synthetase. **2002**, 32, 650-62	61
1840	Inhibition of cancer growth by resveratrol is related to its low bioavailability. **2002**, 33, 387-98	300
1839	Dimeric Stilbene Glycosides from Polygonum cuspidatum. **2002**, 2002, 564-568	24
1838	Simultaneous determination of trans-resveratrol and sorbic acid in wine by capillary zone electrophoresis. **2002**, 23, 263-7	27
1837	Involvement of c-jun NH(2)-terminal kinases in resveratrol-induced activation of p53 and apoptosis. **2002**, 33, 244-50	82

1836	Food-derived polyphenols inhibit pancreatic cancer growth through mitochondrial cytochrome C release and apoptosis. **2002**, 98, 761-9	237
1835	The radical scavenging effects of stilbene glucosides from Polygonum multiflorum. **2002**, 25, 636-9	62
1834	Resveratrol, a natural product derived from grapes, is a new inducer of differentiation in human myeloid leukemias. **2002**, 75, 528-33	36
1833	Effects of resveratrol and its analogs on scavenging hydroxyl radicals: Evaluation by EPR spin trapping method. **2002**, 22, 475-481	5
1832	Free radical scavenging activities of white and red wines: An EPR spin trapping study. **2002**, 22, 101-113	23
1831	Trans-resveratrol oral administration does not affect the enzymatic activities in rat small intestine. **2002**, 58, 59-60	1
1830	Discovery of cancer preventive agents from natural products: from plants to prevention. **2002**, 4, 478-86	60
1829	Inactivation of creatine kinase induced by stilbene derivatives. **2002**, 90, 66-72	11
1828	Antitumor agents. Part 3: synthesis and cytotoxicity of new trans-stilbene benzenesulfonamide derivatives. **2002**, 12, 1013-5	21
1827	Antiangiogenic mechanisms of diet-derived polyphenols. **2002**, 13, 380-390	134
1826	Chemoprevention of human skin cancer. **2002**, 41, 269-85	94
1825	âBut it is natural!. **2002**, 9, 21-23	2
1824	Analysis of resveratrol-induced apoptosis in human B-cell chronic leukaemia. **2002**, 117, 842-51	72
1823	Changes in secondary metabolism and deposition of an unusual lignin in the ref8 mutant of Arabidopsis. **2002**, 30, 47-59	234
1822	Molecular dynamics simulation characteristics of resveratrol interaction with human estrogen receptor-distinct recognition from diethylstilbestrol. **2002**, 593, 39-48	8
1821	Resveratrol induces apoptosis in LNCaP cells and requires hydroxyl groups to decrease viability in LNCaP and DU 145 cells. **2002**, 52, 319-29	39
1820	A short and efficient synthetic approach to hydroxy (E)-stilbenoids via solid-phase cross metathesis. **2002**, 43, 7445-7448	38
1819	Galloylated catechins and stilbene diglucosides in Vitis vinifera cell suspension cultures. **2002**, 60, 795-8	27

1818	Prenylated flavonoids of the leaves of Macaranga conifera with inhibitory activity against cyclooxygenase-2. **2002**, 61, 867-72	60
1817	Antioxidant Activity and Protective Effect on DNA Cleavage of Resveratrol. **2002**, 67, 137-141	19
1816	The cancer preventative agent resveratrol is converted to the anticancer agent piceatannol by the cytochrome P450 enzyme CYP1B1. **2002**, 86, 774-8	281
1815	Red wine polyphenols increase calcium in bovine aortic endothelial cells: a basis to elucidate signalling pathways leading to nitric oxide production. **2002**, 135, 1579-87	99
1814	Antioxidant effects of green tea polyphenols on free radical initiated peroxidation of rat liver microsomes. **2002**, 120, 109-17	91
1813	Determination of trans-Resveratrol in wines, herbs and health food by capillary electrophoresis with electrochemical detection. **2002**, 78, 255-260	47
1812	Phytoestrogens as modulators of steroid action in target cells. **2002**, 777, 233-48	124
1811	Wine phenolics. **2002**, 957, 21-36	384
1810	Cancer chemopreventive activity of resveratrol. **2002**, 957, 210-29	283
1809	Resveratrol, a component of wine and grapes, in the prevention of kidney disease. **2002**, 957, 230-8	47
1808	Direct liquid chromatographic analysis of resveratrol derivatives and flavanonols in wines with absorbance and fluorescence detection. **2002**, 458, 103-110	142
1807	Preparative isolation of polyphenolic compounds from Vitis vinifera by centrifugal partition chromatography. **2002**, 964, 123-8	74
1806	A comparison of the anticarcinogenic properties of four red wine polyphenols. **2002**, 35, 119-24	164
1805	Membrane-rigidifying effects of anti-cancer dietary factors. **2002**, 16, 45-56	79
1804	COMPARISON OF ANALYTICAL METHODS IN DETERMINING TOTAL ANTIOXIDANT CAPACITY IN RED WINE. **2002**, 35, 747-758	9
1803	Plant foods and herbal sources of resveratrol. **2002**, 50, 3337-40	692
1802	Chemopreventive and adjuvant therapeutic potential of pomegranate (Punica granatum) for human breast cancer. **2002**, 71, 203-17	313
1801	Tumors and inflammatory infiltrates: friends or foes?. **2002**, 19, 247-58	171

1800	Chemoprevention of skin cancer: current status and future prospects. **2002**, 21, 363-80	48
1799	Human, rat, and mouse metabolism of resveratrol. **2002**, 19, 1907-14	232
1798	Workshop on European research on phytochemicals â International Symposium on: Dietary Phytochemicals and Human Health. Salamanca (Spain), April 18â20, 2002. **2002**, 1, 243-251	
1797	Isolation and potential cancer chemopreventive activities of phenolic compounds of beer. **2002**, 1, 369-377	45
1796	Pinostrobin from honey and Thai ginger (Boesenbergia pandurata): a potent flavonoid inducer of mammalian phase 2 chemoprotective and antioxidant enzymes. **2002**, 50, 7472-6	81
1795	Capillary electrophoresis determination, synthesis, and stability of resveratrol and related 3-O-beta-D-glucopyranosides. **2002**, 50, 7407-11	32
1794	Alcohol use and risk of non-Hodgkin's lymphoma among Connecticut women (United States). **2003**, 14, 687-94	39
1793	Effects of quercetin on liver damage in rats with carbon tetrachloride-induced cirrhosis. **2003**, 48, 824-9	95
1792	Inhibitory effects of brown algal phlorotannins on secretory phospholipase A2s, lipoxygenases and cyclooxygenases. **2003**, 15, 61-66	91
1791	The study of phenolic compounds as natural antioxidants in wine. **2003**, 43, 233-44	203
1790	Synthesis and biological evaluation of resveratrol and analogues as apoptosis-inducing agents. **2003**, 46, 3546-54	190
1789	Effect of climatic and sulphur fertilisation conditions, on phenolic compounds and vitamin C, in the inflorescences of eight broccoli cultivars. **2003**, 216, 395-401	77
1788	Synthesis and evaluation of cytotoxicity of stilbene analogues. **2003**, 26, 253-7	51
1787	Solid-phase microextractionâon-fibre derivatization with comprehensive two dimensional gas chromatography analysis oftrans-resveratrol in wine. **2003**, 57, S349-S353	29
1786	Differential stilbene induction susceptibility of seven red wine grape varieties upon post-harvest UV-C irradiation. **2003**, 217, 253-258	28
1785	Transformation of apple (Malus domestica Borkh.) with the stilbene synthase gene from grapevine (Vitis vinifera L.) and a PGIP gene from kiwi (Actinidia deliciosa). **2003**, 22, 141-9	126
1784	Antiproliferative effect of antioxidant polyphenols from grape in murine Hepa-1c1c7. **2003**, 42, 43-9	84
1783	Inhibition of oxidative stress in blood platelets by different phenolics from Yucca schidigera Roezl. bark. **2003**, 19, 633-40	36

1782	Protective effect of resveratrol on beta-amyloid-induced oxidative PC12 cell death. **2003**, 34, 1100-10	316
1781	Immunomodulatory activity of resveratrol: discrepant in vitro and in vivo immunological effects. **2003**, 66, 2427-35	59
1780	Resveratrol-induced G2 arrest through the inhibition of CDK7 and p34CDC2 kinases in colon carcinoma HT29 cells. **2003**, 65, 1053-60	94
1779	Importance of phase 2 gene regulation in protection against electrophile and reactive oxygen toxicity and carcinogenesis. **2003**, 43, 121-34	230
1778	Molecular mechanism of the chemopreventive effect of resveratrol. **2003**, 523-524, 145-50	164
1777	Mechanism-based in vitro screening of potential cancer chemopreventive agents. **2003**, 523-524, 163-72	240
1776	Cytochrome P450 1B1: a target for inhibition in anticarcinogenesis strategies. **2003**, 523-524, 173-82	116
1775	Prevention of short-term ultraviolet B radiation-mediated damages by resveratrol in SKH-1 hairless mice. **2003**, 186, 28-37	219
1774	Antitumor effect of stilbenoids from Vateria indica against allografted sarcoma S-180 in animal model. **2003**, 3, 283-88	35
1773	Differential expression of genes induced by resveratrol in LNCaP cells: P53-mediated molecular targets. **2003**, 104, 204-12	143
1772	Resveratrol acts as an estrogen receptor (ER) agonist in breast cancer cells stably transfected with ER alpha. **2003**, 104, 587-96	88
1771	Resveratrol analog (Z)-3,5,4'-trimethoxystilbene is a potent anti-mitotic drug inhibiting tubulin polymerization. **2003**, 107, 189-96	89
1770	Protective effects of sesamin and sesamolin on hypoxic neuronal and PC12 cells. **2003**, 74, 123-33	101
1769	Mass spectrometry in grape and wine chemistry. Part I: polyphenols. **2003**, 22, 218-50	180
1768	Functional evaluation of novel single nucleotide polymorphisms and haplotypes in the promoter regions of CYP1B1 and CYP1A1 genes. **2003**, 37, 158-69	13
1767	Discovery of cytochrome P450 1B1 inhibitors as new promising anti-cancer agents. **2003**, 23, 657-68	68
1766	One-pot palladium-catalyzed highly chemo-, regio-, and stereoselective synthesis of trans-stilbene derivatives. A concise and convenient synthesis of resveratrol. **2003**, 44, 193-197	63
1765	Synthesis of resveratrol using a direct decarbonylative Heck approach from resorcylic acid. **2003**, 44, 4819-4822	68

1764	Stereoselective cyclization of stilbene derived carbocations. **2003**, 59, 1501-1507	28
1763	Studies on formic acid-catalyzed dimerization of isorhapontigenin and of resveratrol to tetralins. **2003**, 59, 4405-4413	14
1762	New resveratrol oligomers in the stem bark of Vatica pauciflora. **2003**, 59, 5347-5363	79
1761	N-Bromosuccinimide-dibenzoyl peroxide/azabisisobutyronitrile: a reagent for Z- to E-alkene isomerization. **2003**, 59, 6489-6492	34
1760	Resveratrol and its analogues resveratrol-dihydroxyl isomers: semi-empirical SCF-MO calculations. **2003**, 631, 67-73	3
1759	Pulsed electromagnetic fields affect phenotype and connexin 43 protein expression in MLO-Y4 osteocyte-like cells and ROS 17/2.8 osteoblast-like cells. **2003**, 21, 326-34	97
1758	The effect of plant phenolics on the formation of 7,12-dimethylbenz[a]anthracene-DNA adducts and TPA-stimulated polymorphonuclear neutrophils chemiluminescence in vitro. **2003**, 189, 199-209	33
1757	The effects of natural antioxidants on oxidative processes and metmyoglobin reducing activity in beef patties. **2003**, 81, 175-187	106
1756	Resveratrol and its antioxidant and antimicrobial effectiveness. **2003**, 83, 585-593	106
1755	Density functional theory calculations for resveratrol. **2003**, 13, 1869-71	81
1754	Chemical and instrumental approaches to treat hyperpigmentation. **2003**, 16, 101-10	575
1753	Photochemoprevention of skin cancer by botanical agents. **2003**, 19, 56-72	139
1752	Metabolic engineering of Saccharomyces cerevisiae for the synthesis of the wine-related antioxidant resveratrol. **2003**, 4, 79-85	157
1751	Antioxidant activity of extracts from Alpinia katsumadai seed. **2003**, 17, 1041-7	82
1750	Liquid chromatography/tandem mass spectrometric determination of inhibition of human cytochrome P450 isozymes by resveratrol and resveratrol-3-sulfate. **2003**, 17, 307-13	55
1749	Antioxidants in dermocosmetology: from the laboratory to clinical application. **2003**, 2, 153-60	21
1748	Small molecule activators of sirtuins extend Saccharomyces cerevisiae lifespan. **2003**, 425, 191-6	3055
1747	Inhibition of cell transformation by resveratrol and its derivatives: differential effects and mechanisms involved. **2003**, 22, 2143-50	54

1746	Cancer revoked: oncogenes as therapeutic targets. **2003**, 3, 375-80	342
1745	Potential mechanism by which resveratrol, a red wine constituent, protects neurons. **2003**, 993, 276-86; discussion 287-8	148
1744	T-cell proliferative responses following sepsis in neonatal rats. **2003**, 83, 201-7	4
1743	Alcohol consumption and the risk of mucinous and nonmucinous epithelial ovarian cancer. **2003**, 102, 1336-43	22
1742	Clinical pharmacokinetics of antioxidants and their impact on systemic oxidative stress. **2003**, 42, 437-59	116
1741	A concise synthesis of the 3-O-beta-D- and 4'-O-beta-D-glucuronide conjugates of trans-resveratrol. **2003**, 14, 262-7	21
1740	Resveratrol: from grapevines to mammalian biology. **2003**, 17, 1975-85	427
1739	Postharvest UV-C-irradiated grapes as a potential source for producing stilbene-enriched red wines. **2003**, 51, 1208-14	132
1738	Antimutagenic activity of phenylpropanoids from clove (Syzygium aromaticum). **2003**, 51, 6413-22	92
1737	Estrogenic activity in white and red wine extracts. **2003**, 51, 1850-7	67
1736	Resveratrol and two monomethylated stilbenes from Israeli Rumex bucephalophorus and their antioxidant potential. **2003**, 66, 1270-2	33
1735	Resveratrol induces growth inhibition and apoptosis in metastatic breast cancer cells via de novo ceramide signaling. **2003**, 17, 2339-41	150
1734	Oxyresveratrol and resveratrol are potent antioxidants and free radical scavengers: effect on nitrosative and oxidative stress derived from microglial cells. **2003**, 9, 64-76	225
1733	Polyphenolics in grape seeds-biochemistry and functionality. **2003**, 6, 291-9	473
1732	Synergistic protection of PC12 cells from beta-amyloid toxicity by resveratrol and catechin. **2003**, 62, 29-38	100
1731	Prepubertal resveratrol exposure accelerates N-methyl-N-nitrosourea-induced mammary carcinoma in female Sprague-Dawley rats. **2003**, 202, 137-45	44
1730	Sequestering ability of butylated hydroxytoluene, propyl gallate, resveratrol, and vitamins C and E against ABTS, DPPH, and hydroxyl free radicals in chemical and biological systems. **2003**, 51, 1077-80	99
1729	Antioxidant activity of melatonin in Chinese hamster ovarian cells: changes in cellular proliferation and differentiation. **2003**, 302, 625-34	62

1728	Distribution of [14C]-trans-resveratrol, a cancer chemopreventive polyphenol, in mouse tissues after oral administration. **2003**, 72, 2219-33	203
1727	Red wine micronutrients as protective agents in Alzheimer-like induced insult. **2003**, 72, 2369-79	44
1726	Oral administration of trans-resveratrol to guinea pigs increases cardiac DT-diaphorase and catalase activities, and protects isolated atria from menadione toxicity. **2003**, 72, 2741-50	54
1725	Screening of medicinal plant extracts for antioxidant activity. **2003**, 73, 167-79	229
1724	Differential inhibition of human cytochrome P450 enzymes by epsilon-viniferin, the dimer of resveratrol: comparison with resveratrol and polyphenols from alcoholized beverages. **2003**, 73, 1199-213	90
1723	Hypolipidemic action of dietary resveratrol, a phytoalexin in grapes and red wine, in hepatoma-bearing rats. **2003**, 73, 1393-400	109
1722	Alcohol consumption and the risk of borderline and invasive ovarian cancer. **2003**, 101, 1221-8	20
1721	1alpha,25(OH)2D3 causes a rapid increase in phosphatidylinositol-specific PLC-beta activity via phospholipase A2-dependent production of lysophospholipid. **2003**, 68, 423-37	40
1720	Effects of selected food factors with chemopreventive properties on combined lipopolysaccharide- and interferon-gamma-induced IkappaB degradation in RAW264.7 macrophages. **2003**, 195, 17-25	104
1719	Effects of resveratrol on acoustic trauma. **2003**, 129, 463-70	50
1718	Resveratrol accumulation and resveratrol synthase gene expression in response to abiotic stresses and hormones in peanut plants. **2003**, 164, 103-109	119
1717	Genetic improvement of wheat via alien gene transfer, an assessment. **2003**, 165, 1147-1168	65
1716	Resveratrol and non-ethanolic components of wine in experimental cardiology. **2003**, 13, 100-3	14
1715	The aryl hydrocarbon receptor and its xenobiotic ligands: a fundamental trigger for cardiovascular diseases. **2003**, 13, 104-13	51
1714	Red wine and red wine polyphenolic compounds but not alcohol inhibit ADP-induced platelet aggregation. **2003**, 14, 361-366	31
1713	Inhibition of free radical-induced peroxidation of rat liver microsomes by resveratrol and its analogues. **2003**, 1637, 31-8	104
1712	Inhibition of protein kinase C by resveratrol. **2003**, 1637, 59-69	85
1711	Inhibition of clastogenicity of benzo[a]pyrene and of its trans-7,8-dihydrodiol in mice in vivo by fruits, vegetables, and flavonoids. **2003**, 537, 169-81	23

1710	Pitfalls of enzyme-based molecular anticancer dietary manipulations: food for thought. **2003**, 543, 181-9	13
1709	Cocoa has more phenolic phytochemicals and a higher antioxidant capacity than teas and red wine. **2003**, 51, 7292-5	465
1708	Animal Cell Technology: Basic & Applied Aspects. **2003**,	1
1707	Suppression of ultraviolet B exposure-mediated activation of NF-kappaB in normal human keratinocytes by resveratrol. **2003**, 5, 74-82	156
1706	Quality and enhancement of bioactive phenolics in cv. Napoleon table grapes exposed to different postharvest gaseous treatments. **2003**, 51, 5290-5	63
1705	Polyphenols, resveratrol, antioxidant activity and ochratoxin a contamination in red table wines, controlled denomination of origin (DOC) wines and wines obtained from organic farming. **2003**, 14, 115-120	18
1704	Relations between amount and type of alcohol and colon and rectal cancer in a Danish population based cohort study. **2003**, 52, 861-7	74
1703	Inhibition of vascular endothelial growth factor-induced angiogenesis by resveratrol through interruption of Src-dependent vascular endothelial cadherin tyrosine phosphorylation. **2003**, 64, 1029-36	187
1702	Resveratrol-induced modification of polyamine metabolism is accompanied by induction of c-Fos. **2003**, 24, 469-74	34
1701	Suppression of IL-8 gene transcription by resveratrol in phorbol ester treated human monocytic cells. **2003**, 5, 151-7	51
1700	Grape extracts suppress the formation of preneoplastic foci and activity of fatty acid synthase in rat liver. **2003**, 35, 371-8	15
1699	Resveratrol derivatives potently induce apoptosis in human promyelocytic leukemia cells. **2003**, 35, 467-74	57
1698	Resveratrol increases BRCA1 and BRCA2 mRNA expression in breast tumour cell lines. **2003**, 89, 168-72	38
1697	Resveratrol-induced apoptosis is associated with Fas redistribution in the rafts and the formation of a death-inducing signaling complex in colon cancer cells. **2003**, 278, 41482-90	203
1696	Does the release of arachidonic acid from cells play a role in cancer chemoprevention?. **2003**, 17, 800-2	25
1695	p21Cip1 gene expression is modulated by Egr1: a novel regulatory mechanism involved in the resveratrol antiproliferative effect. **2003**, 278, 23360-8	71
1694	Antiproliferative effect of resveratrol in human prostate carcinoma cells. **2003**, 6, 273-80	49
1693	Resveratrol suppresses growth of Ishikawa cells through down-regulation of EGF. **2003**, 23, 1167	2

1692	Genome-scale analysis of resveratrol-induced gene expression profile in human ovarian cancer cells using a cDNA microarray. **2003**, 22, 741	8
1691	Cancer chemoprevention by resveratrol: In vitro and in vivo studies and the underlying mechanisms (review). **2003**, 23, 17	26
1690	Involvement of p21WAF1/CIP1, pRB, Bax and NF-Β in induction of growth arrest and apoptosis by resveratrol in human lung carcinoma A549 cells. **2003**, 23, 1143	4
1689	Resveratrol and cancer: chemoprevention, apoptosis, and chemo-immunosensitizing activities. **2003**, 3, 77-93	112
1688	Increasing the throughput and productivity of Caco-2 cell permeability assays using liquid chromatography-mass spectrometry: application to resveratrol absorption and metabolism. **2003**, 6, 757-67	47
1687	Alcohol Consumption and the Risk of Mucinous and Nonmucinous Epithelial Ovarian Cancer. **2003**, 102, 1336-1343	19
1686	Cancer chemopreventive in vitro activities of isoflavones isolated from Iris germanica. **2003**, 69, 15-20	54
1685	Halophilols A and B, two new stilbenes from Iris halophila. **2003**, 69, 779-81	16
1684	Cancer Chemoprevention by Phytopolyphenols through Modulating Mitotic and Differentiating Signal Transduction Pathways. **2003**, 50-71	
1683	Restoration by Prostaglandins E(2) and F (2) (alpha) of Resveratrol-Induced Suppression of Hepatoma Cell Invasion in Culture. **2003**, 43, 155-9	6
1682	Synthesis and antioxidant activity of 4-[2-(3,5-dimethoxyphenyl)ethenyl]-1,2-benzenediol, a metabolite of Sphaerophysa salsula. **2003**, 67, 2463-6	8
1681	Glycosylation of resveratrol protects it from enzymic oxidation. **2003**, 374, 157-63	151
1680	Wine and resveratrol: mechanisms of cancer prevention?. **2003**, 12, 417-25	119
1679	Alcohol Consumption and the Risk of Borderline and Invasive Ovarian Cancer. **2003**, 101, 1221-1228	17
1678	??????????????????. **2003**, 50, 295-302	5
1677	Arachidonic acid metabolites contribute to the irreversible depolarization induced by in vitro ischemia. **2003**, 90, 3213-23	26
1676	Estrogenic Activity of Stilbene Derivatives. **2003**, 49, 359-367	24
1675	Anti-Platelet and Membrane-Rigidifying Flavonoids in Brownish Scale of Onion. **2003**, 49, 475-480	52

1674	Resveratrol: a candidate nutritional substance for prostate cancer prevention. **2003**, 133, 2440S-2443S	68
1673	VITIS VINIFERA AS A MEDICINAL PLANT. **2003**, 159-165	10
1672	Significance of Bcl-2 Protein Phosphorylation in Cancer Cells for Pharmaceutical and Nutraceutical Discovery. **2003**, 72-85	
1671	Different short- and long-term effects of resveratrol on nuclear factor-kappaB phosphorylation and nuclear appearance in human endothelial cells. **2003**, 77, 1220-8	67
1670	Alcohol and mortality from all causes. **2004**, 37, 183-7	17
1669	Molecular mechanisms of the chemopreventive effects of resveratrol and its analogs in colorectal cancer: key role of polyamines?. **2004**, 134, 3219-22	66
1668	Natural inhibitors of carcinogenesis. **2004**, 70, 691-705	126
1667	Drugs that target lipoxygenases and leukotrienes as emerging therapies for asthma and cancer. **2004**, 3, 19-33	34
1666	Alteration in phase I and II enzyme activities and polycyclic aromatic hydrocarbons-DNA adduct formation by plant phenolics in mouse epidermis. **2004**, 48, 70-7	50
1665	Resveratrol inhibits the release of mediators from bone marrow-derived mouse mast cells in vitro. **2004**, 70, 305-9	53
1664	Therapeutic drugs that behave as mechanism-based inhibitors of cytochrome P450 3A4. **2004**, 5, 415-42	138
1663	Drink to prevent: review on the cardioprotective mechanisms of alcohol and red wine polyphenols. **2004**, 4, 173-86	18
1662	Principles of Molecular Oncology. **2004**,	6
1661	Piceatannol prevents lipopolysaccharide (LPS)-induced nitric oxide (NO) production and nuclear factor (NF)-kappaB activation by inhibiting IkappaB kinase (IKK). **2004**, 48, 729-36	43
1660	An alternative mode of action of endocrine-disrupting chemicals and chemoprevention. **2004**, 7, 451-63	18
1659	trans-3,4,5'-Trihydroxystibene inhibits hypoxia-inducible factor 1alpha and vascular endothelial growth factor expression in human ovarian cancer cells. **2004**, 10, 5253-63	158
1658	Anti-inflammatory effects of resveratrol in lung epithelial cells: molecular mechanisms. **2004**, 287, L774-83	249
1657	Resveratrol is a peroxidase-mediated inactivator of COX-1 but not COX-2: a mechanistic approach to the design of COX-1 selective agents. **2004**, 279, 22727-37	182

1656	Hypoxia-inducible factor 1alpha- mediated resistance to phenolic anticancer. **2004**, 50, 119-26	14
1655	Herbs or natural products that increase cancer growth or recurrence. Part two of a four-part series. **2004**, 31, E99-115	5
1654	Treatment of Carcinogenesis. **2004**, 607-673	0
1653	Enhanced radiation-induced apoptosis of cancer cell lines after treatment with resveratrol. **2004**, 13, 895	9
1652	Resveratrol: a whiff that induces a biologically specific tsunami. **2004**, 3, 889-90	11
1651	Effects of resveratrol on gene expression in renal cell carcinoma. **2004**, 3, 882-8	20
1650	Type of wine and risk of lung cancer: a case-control study in Spain. **2004**, 59, 981-5	29
1649	Resveratrol inhibits drug-induced apoptosis in human leukemia cells by creating an intracellular milieu nonpermissive for death execution. **2004**, 64, 1452-9	80
1648	Fungus-elicited metabolites from plants as an enriched source for new leishmanicidal agents: antifungal phenyl-phenalenone phytoalexins from the banana plant (Musa acuminata) target mitochondria of Leishmania donovani promastigotes. **2004**, 48, 1534-40	46
1647	Resveratrol-induced autophagocytosis in ovarian cancer cells. **2004**, 64, 696-703	319
1646	Resveratrol inhibits benzo[a]pyrene-DNA adduct formation in human bronchial epithelial cells. **2004**, 91, 333-8	29
1645	Pharmacokinetics in mice and growth-inhibitory properties of the putative cancer chemopreventive agent resveratrol and the synthetic analogue trans 3,4,5,4'-tetramethoxystilbene. **2004**, 90, 736-44	206
1644	Ethanol, wine, and experimental cardioprotection in ischemia/reperfusion: role of the prooxidant/antioxidant balance. **2004**, 6, 431-8	22
1643	Identification of Degradation Product of Deguelin and Its Stability Using Liquid Chromatography and Electrospray/Mass Spectrometry. **2004**, 27, 1057-1069	2
1642	Resveratrol induces FasL-related apoptosis through Cdc42 activation of ASK1/JNK-dependent signaling pathway in human leukemia HL-60 cells. **2005**, 26, 1-10	75
1641	Resveratrol suppresses the angiogenesis and tumor growth of gliomas in rats. **2004**, 10, 2190-202	163
1640	Silencing of hydroxycinnamoyl-coenzyme A shikimate/quinate hydroxycinnamoyltransferase affects phenylpropanoid biosynthesis. **2004**, 16, 1446-65	343
1639	A new method of measuring the antioxidant activity of polyphenols using cumene hydroperoxide. **2004**, 41, 72-7	3

1638	Antioxidant metabolite profiles in tomato fruit constitutively expressing the grapevine stilbene synthase gene. **2005**, 3, 57-69	98
1637	Metabolic activation of polycyclic aromatic hydrocarbons to carcinogens by cytochromes P450 1A1 and 1B1. **2004**, 95, 1-6	558
1636	Alcohol--the neglected risk factor in head and neck cancer. **2004**, 29, 295-300	33
1635	Alcohol and polyphenolic grape extract inhibit platelet adhesion in flowing blood. **2004**, 34, 818-24	12
1634	Modulation of NF-kappaB-dependent transcription and cell survival by the SIRT1 deacetylase. **2004**, 23, 2369-80	2066
1633	Redistribution of CD95, DR4 and DR5 in rafts accounts for the synergistic toxicity of resveratrol and death receptor ligands in colon carcinoma cells. **2004**, 23, 8979-86	161
1632	Oestrogen inhibits resveratrol-induced post-translational modification of p53 and apoptosis in breast cancer cells. **2004**, 91, 178-85	75
1631	Analysis of resveratrol as a lung cancer chemopreventive agent in A/J mice exposed to benzo[a]pyrene. **2004**, 91, 1380-3	54
1630	Alcohol intake, type of beverage, and risk of breast cancer in pre- and postmenopausal women. **2004**, 28, 1084-90	49
1629	Nutritional and Safety Assessments of Foods and Feeds Nutritionally Improved through Biotechnology: An Executive Summary A Task Force Report by the International Life Sciences Institute, Washington, D.C. **2004**, 3, 35-104	49
1628	Resveratrol-induced cellular apoptosis and cell cycle arrest in neuroblastoma cells and antitumor effects on neuroblastoma in mice. **2004**, 136, 57-66	99
1627	Evaluation of a real-time polymerase chain reaction method for the quantification of CYP1B1 gene expression in MCF-7 human breast carcinoma cells. **2004**, 49, 97-104	12
1626	Targeting signal transduction pathways by chemopreventive agents. **2004**, 555, 33-51	97
1625	Molecular basis of chemoprevention by resveratrol: NF-kappaB and AP-1 as potential targets. **2004**, 555, 65-80	163
1624	Elucidating the role of nutraceuticals in overexpressing antiapoptotic proteins in prostate cancer. **2004**, 20, 78-82	3
1623	Cancer prevention by food factors through targeting signal transduction pathways. **2004**, 20, 89-94	19
1622	Nutraceuticals, apoptosis, and disease prevention. **2004**, 20, 95-102	96
1621	Effects of maternal xenoestrogen exposure on development of the reproductive tract and mammary gland in female CD-1 mouse offspring. **2004**, 18, 803-11	208

1620	Inhibitory effects of Polygonum cuspidatum water extract (PCWE) and its component resveratrol [correction of rasveratrol] on acyl-coenzyme A-cholesterol acyltransferase activity for cholesteryl ester synthesis in HepG2 cells. **2004**, 40, 279-84	42
1619	Effect of topically applied resveratrol on cutaneous herpes simplex virus infections in hairless mice. **2004**, 61, 19-26	81
1618	3,4',5-Trihydroxy-trans-stilbene (resveratrol) inhibits human cytomegalovirus replication and virus-induced cellular signaling. **2004**, 63, 85-95	50
1617	Resveratrol, a polyphenol found in grapes, suppresses oxidative damage and stimulates apoptosis during early colonic inflammation in rats. **2004**, 67, 1399-410	193
1616	Inhibition of carcinogen-bioactivating cytochrome P450 1 isoforms by amiloride derivatives. **2004**, 67, 1711-9	11
1615	Involvement of cytochrome P450 1A2 in the biotransformation of trans-resveratrol in human liver microsomes. **2004**, 68, 773-82	121
1614	Differential sensitivity to resveratrol-induced apoptosis of human chronic myeloid (K562) and acute lymphoblastic (HSB-2) leukemia cells. **2004**, 68, 2019-30	37
1613	Resveratrol-induced cell growth inhibition and apoptosis is associated with modulation of phosphoglycerate mutase B in human prostate cancer cells: two-dimensional sodium dodecyl sulfate-polyacrylamide gel electrophoresis and mass spectrometry evaluation. **2004**, 28, 443-52	37
1612	Expression of the stilbene synthase (StSy) gene from grapevine in transgenic white poplar results in high accumulation of the antioxidant resveratrol glucosides. **2004**, 13, 203-14	76
1611	Antioxidant activity of hydroxystilbene derivatives in homogeneous solution. **2004**, 69, 7101-7	61
1610	Resveratrol antagonizes EGFR-dependent Erk1/2 activation in human androgen-independent prostate cancer cells with associated isozyme-selective PKC alpha inhibition. **2004**, 22, 107-17	59
1609	Polyacetylenes function as anti-angiogenic agents. **2004**, 21, 2112-9	35
1608	Application of Chromium-Arene Complexes in the Organic Synthesis. Efficient Synthesis of Stilbene Phytoalexins. **2004**, 30, 252-261	5
1607	Antioxidant Properties of Phenolic Compounds: H-Atom versus Electron Transfer Mechanism. **2004** , 108, 4916-4922	481
1606	Resveratrol protects against 4-HNE induced oxidative stress and apoptosis in Swiss 3T3 fibroblasts. **2004**, 20, 1-10	29
1605	Resveratrol inhibits phorbol ester-induced cyclooxygenase-2 expression in mouse skin: MAPKs and AP-1 as potential molecular targets. **2004**, 21, 33-9	66
1604	Expression of the grapevine stilbene synthase gene VST1 in papaya provides increased resistance against diseases caused by Phytophthora palmivora. **2004**, 220, 241-50	86
1603	Synthesis and inhibitory effects of pinosylvin derivatives on prostaglandin E2 production in lipopolysaccharide-induced mouse macrophage cells. **2004**, 14, 5895-8	44

1602	Biotransformation of resveratrol: synthesis of trans-dehydrodimers catalyzed by laccases from Myceliophtora thermophyla and from Trametes pubescens. **2004**, 60, 595-600	132
1601	Assembled catalyst of palladium and non-cross-linked amphiphilic polymer ligand for the efficient heterogeneous Heck reaction. **2004**, 60, 4097-4105	69
1600	Resveratrol inhibits hepatoma cell invasion by suppressing gene expression of hepatocyte growth factor via its reactive oxygen species-scavenging property. **2004**, 21, 445-51	47
1599	Protective effect of resveratrol against 6-hydroxydopamine-induced impairment of renal p-aminohippurate transport. **2004**, 78, 525-32	8
1598	Bioguided extraction of polyphenols from grape marc by using an alternative supercritical-fluid extraction method based on a liquid solvent trap. **2004**, 378, 2021-7	24
1597	Proteomic analysis of proteins altered by dibenzoylmethane in human prostatic cancer LNCaP cells. **2004**, 4, 2814-21	11
1596	Synthesis of curcumin analogues as potential antioxidant, cancer chemopreventive agents. **2004**, 337, 42-54	99
1595	Styrylquinazolines: a new class of inhibitors on prostaglandin E2 production in lipopolysaccharide-activated macrophage cells. **2004**, 337, 20-4	10
1594	On-line identification of trans-resveratrol in red wine using a sweeping technique combined with capillary electrophoresis/77 K fluorescence spectroscopy. **2004**, 25, 677-82	18
1593	Antioxidant and angiotension-converting enzyme inhibition capacities of various parts of Benincasa hispida (wax gourd). **2004**, 48, 230-3	30
1592	Resveratrol modulates the phosphoinositide 3-kinase pathway through an estrogen receptor alpha-dependent mechanism: relevance in cell proliferation. **2004**, 109, 167-73	113
1591	A convenient synthesis of 14C-labelled resveratrol. **2004**, 47, 167-174	2
1590	Resveratrol glucuronides as the metabolites of resveratrol in humans: characterization, synthesis, and anti-HIV activity. **2004**, 93, 2448-57	91
1589	Exploring recombinant flavonoid biosynthesis in metabolically engineered Escherichia coli. **2004**, 5, 500-7	116
1588	A powerful antiradiation compound revealed by a new high-throughput screening method. **2004**, 5, 832-40	20
1587	Plant "polyphenolic" small molecules can induce a calorie restriction-mimetic life-span extension by activating sirtuins: will "polyphenols" someday be used as chemotherapeutic drugs in Western medicine?. **2004**, 5, 427-30	23
1586	Differential recognition of resveratrol isomers by the human estrogen receptor-alpha: molecular dynamics evidence for stereoselective ligand binding. **2004**, 16, 190-5	26
1585	A mechanistic study on the nuclease activities of some hydroxystilbenes. **2004**, 12, 1231-7	33

1584	Resveratrol analogues as selective cyclooxygenase-2 inhibitors: synthesis and structure-activity relationship. **2004**, 12, 5571-8	239
1583	Constituents of grape pomace from the Sicilian cultivar 'Nerello Mascalese'. **2004**, 88, 599-607	78
1582	Direct analysis of trans-resveratrol in red wine by high performance liquid chromatography with chemiluminescent detection. **2004**, 88, 613-620	44
1581	3,5-Bis(trifluoromethyl)phenyl sulfones in the modified Julia olefination: application to the synthesis of resveratrol. **2004**, 45, 573-577	35
1580	Dietary cancer and prevention using antimutagens. **2004**, 198, 147-59	178
1579	Synthesis of methylated resveratrol and analogues by Heck reactions in organic and aqueous solvents. **2004**, 60, 5563-5570	102
1578	Phytoalexin resveratrol attenuates the mutagenicity of the heterocyclic amines 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline. **2004**, 802, 217-23	13
1577	Modification of flavonoid biosynthesis in crop plants. **2004**, 65, 2631-48	284
1576	Cloning and over-expression of a cDNA encoding a polyketide synthase from Cannabis sativa. **2004**, 42, 291-7	25
1575	Catalytic methods for the synthesis of stilbenes with an emphasis on their phytoalexins. **2004**, 248, 2323-2336	84
1574	Syntheses and radical scavenging activities of resveratrol derivatives. **2004**, 14, 463-6	26
1573	Design of acyclic triaryl olefins: a new class of potent and selective cyclooxygenase-2 (COX-2) inhibitors. **2004**, 14, 1953-6	23
1572	A new class of acyclic 2-alkyl-1,2-diaryl (E)-olefins as selective cyclooxygenase-2 (COX-2) inhibitors. **2004**, 14, 4911-4	18
1571	Recent advances in the discovery and development of stilbenes and lactones in anticancer therapy. **2004**, 14, 819-835	22
1570	Resveratrol-associated renal toxicity. **2004**, 82, 614-9	210
1569	Resveratrol derivatives and their role as potassium channels modulators. **2004**, 67, 421-6	46
1568	Mechanism-based inactivation of COX-1 by red wine m-hydroquinones: a structure-activity relationship study. **2004**, 67, 1777-82	34
1567	Effects of irradiated phytic acid on antioxidation and color stability in meat models. **2004**, 52, 2572-6	18

1566	Insulin secretion and cyclooxygenase enzyme inhibition by cabernet sauvignon grape skin compounds. **2004**, 52, 228-33	106
1565	Crystal structure of quinone reductase 2 in complex with resveratrol. **2004**, 43, 11417-26	198
1564	Determination of piceid and resveratrol in Spanish wines deriving from Monastrell (Vitis vinifera L.) grape variety. **2004**, 52, 5396-403	66
1563	Yucca schidigera bark: phenolic constituents and antioxidant activity. **2004**, 67, 882-5	77
1562	Redifferentiation therapy for thyroid cancer. **2004**, 84, 921-43	22
1561	Overexpression of c-Jun induced by quercetin and resverol inhibits the expression and function of the androgen receptor in human prostate cancer cells. **2004**,	
1560	3,4$prime;,5-Trihydroxy-trans-stilbene (resveratrol) inhibits human cytomegalovirus replication and virus-induced cellular signaling. **2004**,	
1559	Pitfalls of animal model systems in ageing research. **2004**, 18, 407-21	16
1558	Urinary and plasma levels of resveratrol and quercetin in humans, mice, and rats after ingestion of pure compounds and grape juice. **2004**, 52, 935-42	225
1557	Resveratrol, pterostilbene, and piceatannol in vaccinium berries. **2004**, 52, 4713-9	433
1556	Molecular Basis of Breast Cancer. **2004**,	30
1555	Identification of a p53-dependent pathway in the induction of apoptosis of human breast cancer cells by the natural product, resveratrol. **2004**, 10, 235-9	26
1554	Decrease of heat shock protein levels and cell populations by wine phenolic extracts. **2004**, 52, 1017-24	9
1553	High absorption but very low bioavailability of oral resveratrol in humans. **2004**, 32, 1377-82	1300
1552	Polyphenol glucosylating activity in cell suspensions of grape (Vitis vinifera). **2004**, 52, 3467-72	40
1551	The "Prochaska" microtiter plate bioassay for inducers of NQO1. **2004**, 382, 243-58	115
1550	Sirtuins: Sir2-related NAD-dependent protein deacetylases. **2004**, 5, 224	387
1549	trans-Resveratrol, quercetin, (+)-catechin, and (-)-epicatechin content in south Italian monovarietal wines: relationship with maceration time and marc pressing during winemaking. **2004**, 52, 5747-51	65

1548	Effects of resveratrol on the expression of a panel of genes interacting with the BRCA1 oncosuppressor in human breast cell lines. **2004**, 344, 115-21	39
1547	Analysis of trans-resveratrol in peanuts and peanut butters consumed in Korea. **2004**, 37, 247-251	37
1546	(Z)-3,5,4'-Tri-O-methyl-resveratrol, induces apoptosis in human lymphoblastoid cells independently of their p53 status. **2004**, 211, 155-61	16
1545	Overexpression of c-Jun induced by quercetin and resverol inhibits the expression and function of the androgen receptor in human prostate cancer cells. **2004**, 213, 155-63	39
1544	Chemotherapeutic potential of the chemopreventive phytoalexin resveratrol. **2004**, 7, 333-44	65
1543	Stage-specific inhibition of mammary carcinogenesis by 1alpha-hydroxyvitamin D5. **2004**, 40, 2331-7	18
1542	Human hepatic cell uptake of resveratrol: involvement of both passive diffusion and carrier-mediated process. **2004**, 316, 1132-7	126
1541	Identification and purification of resveratrol targeting proteins using immobilized resveratrol affinity chromatography. **2004**, 323, 743-9	70
1540	Health aspects of functional grape seed constituents. **2004**, 15, 422-433	150
1539	Resveratrol inhibits phenotypic and functional maturation of murine bone marrow-derived dendritic cells. **2004**, 4, 245-53	37
1538	Differential regulation of resveratrol on lipopolysacchride-stimulated human macrophages with or without IFN-gamma pre-priming. **2004**, 4, 713-20	27
1537	Antioxidant and anticancer activity of extract from Betula platyphylla var. japonica. **2004**, 74, 1013-26	67
1536	Herbal bioactivation: the good, the bad and the ugly. **2004**, 74, 935-68	176
1535	Heyneanol A induces apoptosis via cytochrome c release and caspase activation in human leukemic U937 cells. **2004**, 74, 2313-26	26
1534	G2/M cell cycle arrest and induction of apoptosis by a stilbenoid, 3,4,5-trimethoxy-4'-bromo-cis-stilbene, in human lung cancer cells. **2004**, 75, 2829-39	42
1533	Estrogenic effects of resveratrol in breast cancer cells expressing mutant and wild-type estrogen receptors: role of AF-1 and AF-2. **2004**, 88, 223-34	51
1532	The genetics of human longevity. **2004**, 117, 851-60	88
1531	Antioxidant and Scavenging Activity of Emodin, Aloe-Emodin, and Rhein on Free-Radical and Reactive Oxygen Species. **2004**, 42, 342-348	26

1530	Polyphhols vgtaux, sources, utilisations et potentiel dans la lutte contre le stress oxydatif. **2004**, 2, 3-6	9
1529	New enzymatic method for the determination of total phenolic content in tea and wine. **2004**, 52, 6287-93	89
1528	Phytoestrogens. **2004**, 55, 225-61	356
1527	Production of highly 13C-labeled polyphenols in Vitis vinifera cell bioreactor cultures. **2004**, 109, 287-94	32
1526	Dietary resveratrol does not affect intestinal tumorigenesis in Apc(Min/+) mice. **2004**, 134, 5-10	54
1525	The traditional diet of Greece and cancer. **2004**, 13, 219-30	80
1524	In vitro antitumour activity of resveratrol in human melanoma cells sensitive or resistant to temozolomide. **2004**, 14, 189-96	45
1523	Resveratrol inhibits cell proliferation and induces apoptosis of human breast carcinoma MCF-7 cells. **2004**, 11, 441	9
1522	Foods and Food Components in the Prevention of Cancer. **2004**,	
1521	Phytochemicals as Potential Cancer Chemopreventive Agents. **2004**,	1
1520	History of Natural Supplements in Cancer Therapy and Prevention. **2004**,	
1519	Resveratrol in the Chemoprevention and Chemotherapy of Breast Cancer. **2004**,	
1518	Development of Selected Phytochemicals for Cancer Chemoprevention. **2004**,	
1517	Resveratrol Inhibits N-nitrosodiethylamine-Induced Ornithine Decarboxylase and Cyclooxygenase in Mice. **2004**, 50, 61-65	37
1516	Changes in Concentrations of Resveratrol and Its Related Compounds in Red Wine during Alcoholic and Malolactic Fermentation. **2004**, 51, 274-278	2
1515	Effects of grape cell culture extracts on human topoisomerase II catalytic activity and characterization of active fractions. **2005**, 53, 2489-98	32
1514	Human fecal water inhibits COX-2 in colonic HT-29 cells: role of phenolic compounds. **2005**, 135, 2343-9	71
1513	Resveratrol inhibits TNF-alpha-induced proliferation and matrix metalloproteinase expression in human vascular smooth muscle cells. **2005**, 135, 2767-73	62

1512	Redox-sensitive transcription factors as prime targets for chemoprevention with anti-inflammatory and antioxidative phytochemicals. **2005**, 135, 2993S-3001S	265
1511	A forkhead in the road to longevity: the molecular basis of lifespan becomes clearer. **2005**, 23, 1285-309	72
1510	Reservatol inhibits cell cycle progression in U937 cells. **2005**, 13, 133	1
1509	Synthesis and anti-inflammatory activity of resveratrol analogs. **2005**, 53, 1587-90	53
1508	[Development of novel solid-phase polymeric catalysts for organic syntheses]. **2005**, 125, 749-70	4
1507	Effects of a phenolic compound, resveratrol, on the renal function and costimulatory adhesion molecule CD86 expression in rat kidneys with ischemia/reperfusion injury. **2005**, 68, 41-9	21
1506	Resveratrol inhibits rhabdomyosarcoma cell proliferation. **2005**, 14, 351-6	13
1505	Resveratrol and breast cancer risk. **2005**, 14, 139-42	103
1504	Resveratrol may reduce oxidative stress induced by platinum compounds in human plasma, blood platelets and lymphocytes. **2005**, 16, 659-65	32
1503	Intake of wine, beer and spirits and risk of gastric cancer. **2005**, 14, 239-43	36
1502	Inhibition of mammalian DNA polymerases by resveratrol: mechanism and structural determinants. **2005**, 389, 259-68	38
1501	Functional Foods from Fruit and Fruit Products. **2005**, 303-340	1
1500	Clonal Screening and Sprout Based Bioprocessing of Phenolic Phytochemicals for Functional Foods. **2005**,	2
1499	Estimation of trans-resveratrol in herbal extracts and dosage forms by high-performance thin-layer chromatography. **2005**, 53, 691-3	20
1498	Self-assembled complexes of non-cross-linked amphiphilic polymeric ligands with inorganic species: highly active and reusable solid-phase polymeric catalysts. **2005**, 53, 723-39	35
1497	Adsorption and desorption properties of trans-resveratrol on cellulose cotton. **2005**, 21, 183-6	23
1496	Identification of the major metabolites of resveratrol in rat urine by HPLC-MS/MS. **2005**, 829, 97-106	94
1495	Stabilization of resveratrol immobilized in monodisperse cyano-functionalized porous polymeric microspheres. **2005**, 46, 8956-8963	33

1494	A proposed molecular basis for the selective resveratrol inhibition of the PGHS-1 peroxidase activity. **2005**, 13, 5981-5	2
1493	Resveratrol, a polyphenolic phytoalexin protects against cyclosporine-induced nephrotoxicity through nitric oxide dependent mechanism. **2005**, 210, 55-64	52
1492	Effects of processing methods and extraction solvents on concentration and antioxidant activity of peanut skin phenolics. **2005**, 90, 199-206	230
1491	Development of a reverse-phase high-performance liquid chromatography method for analyzing trans-resveratrol in peanut kernels. **2005**, 89, 623-638	24
1490	Resveratrol suppresses interferon-gamma-induced biochemical pathways in human peripheral blood mononuclear cells in vitro. **2005**, 100, 159-63	64
1489	Analysis of trans-resveratrol by laser ionization mass spectrometry and HPLC with fluorescence detection. Comparison between both techniques. **2005**, 1074, 133-8	27
1488	Simple and rapid method for cis- and trans-resveratrol and piceid isomers determination in wine by high-performance liquid chromatography using chromolith columns. **2005**, 1085, 224-9	99
1487	Preparative isolation and purification of five compounds from the Chinese medicinal herb Polygonum cuspidatum Sieb. et Zucc by high-speed counter-current chromatography. **2005**, 1097, 33-9	105
1486	Chemo-enzymatic synthesis and cell-growth inhibition activity of resveratrol analogues. **2005**, 33, 22-33	59
1485	Determination of trans-Resveratrol in China Great Wall â€Hazendaâ€Red Wine by Use of Micellar Electrokinetic Chromatography. **2005**, 62, 289-294	10
1484	Rapid Separation of Antioxidants in Food Samples by Coelectroosmotic CE. **2005**, 62, 271-276	12
1483	Molecular targets for treatment of Barrett's esophagus. **2005**, 18, 75-86	13
1482	A methoxy derivative of resveratrol analogue selectively induced activation of the mitochondrial apoptotic pathway in transformed fibroblasts. **2005**, 92, 513-21	82
1481	Risk factors of myelodysplastic syndromes: a case-control study. **2005**, 19, 1912-8	100
1480	The cancer chemopreventive agent resveratrol induces tensin, a cell-matrix adhesion protein with signaling and antitumor activities. **2005**, 24, 3274-84	23
1479	Jasmonates and Na-orthovanadate promote resveratrol production in Vitis vinifera cv. Barbera cell cultures. **2005**, 166, 895-905	156
1478	Inhibition of 5-aminolevulinic acid-induced DNA damage by melatonin, N1-acetyl-N2-formyl-5-methoxykynuramine, quercetin or resveratrol. **2005**, 38, 107-15	73
1477	BIOLOGICAL FUNCTIONALITY OF ELLAGIC ACID: A REVIEW. **2005**, 29, 234-266	172

1476	Relationship between vasodilation capacity and phenolic content of Spanish wines. **2005**, 517, 84-91	43
1475	The cardiovascular protective effect of red wine. **2005**, 200, 428-39	88
1474	FADD-dependent apoptosis induction in Jurkat leukemia T-cells by the resveratrol analogue, 3,4,5-trihydroxy-trans-stilbene. **2005**, 69, 249-54	18
1473	Antioxidant, prooxidant and cytotoxic activity of hydroxylated resveratrol analogues: structure-activity relationship. **2005**, 69, 903-12	246
1472	Resveratrol inhibits type II phosphatidylinositol 4-kinase: a key component in pathways of phosphoinositide turn over. **2005**, 70, 1048-55	16
1471	Resveratrol inhibits Na+ currents in rat dorsal root ganglion neurons. **2005**, 1045, 134-41	47
1470	Effect of resveratrol on herpes simplex virus vaginal infection in the mouse. **2005**, 67, 155-62	87
1469	Synergistic action of resveratrol, an ingredient of wine, with Ara-C and tiazofurin in HL-60 human promyelocytic leukemia cells. **2005**, 33, 329-35	36
1468	Toward a unified theory of caloric restriction and longevity regulation. **2005**, 126, 987-1002	450
1467	Modulation of signal transduction by tea catechins and related phytochemicals. **2005**, 591, 147-60	96
1466	In vitro decreases of the fibrinolytic potential of cultured human fibrosarcoma cell line, HT1080, by Nigella sativa oil. **2005**, 12, 100-7	31
1465	Effect of resveratrol on high glucose-induced stress in human leukemia K562 cells. **2005**, 94, 1267-79	39
1464	Stereoselective Synthesis of (E)-Hydroxystilbenoids by Ruthenium-Catalyzed Cross-Metathesis. **2005**, 2005, 3319-3325	50
1463	New Resveratrol Oligomers from the Stem Bark of Hopea hainanensis. **2005**, 88, 2910-2917	25
1462	Resveratrol-induced apoptosis in MCF-7 human breast cancer cells involves a caspase-independent mechanism with downregulation of Bcl-2 and NF-kappaB. **2005**, 115, 74-84	191
1461	Effect of resveratrol on the development of spontaneous mammary tumors in HER-2/neu transgenic mice. **2005**, 115, 36-45	104
1460	Comparison of the effects of the chemopreventive agent resveratrol and its synthetic analog trans 3,4,5,4'-tetramethoxystilbene (DMU-212) on adenoma development in the Apc(Min+) mouse and cyclooxygenase-2 in human-derived colon cancer cells. **2005**, 115, 194-201	147
1459	Dietary and other risk factors in women having fibrocystic breast conditions with and without concurrent breast cancer: a nested case-control study in Shanghai, China. **2005**, 115, 981-93	31

1458	Modulation of hepatic cytochromes P450 and phase II enzymes by dietary doses of sulforaphane in rats: Implications for its chemopreventive activity. **2005**, 117, 356-62	71
1457	Alcohol consumption and risk of renal cell carcinoma: a prospective study of Swedish women. **2005**, 117, 848-53	27
1456	Epigenetics--an epicenter of gene regulation: histones and histone-modifying enzymes. **2005**, 44, 3186-216	235
1455	Synthesis and antitumor activity of some curcumin analogs. **2005**, 338, 181-9	44
1454	Epigenetik â€ein Epizentrum der Genregulation: Histone und histonmodifizierende Enzyme. **2005**, 117, 3248-3280	38
1453	Optimization of extraction of phenolic antioxidants from peanut skins. **2005**, 85, 33-38	92
1452	Supercritical CO2 extraction of resveratrol and its glycoside piceid from Chinese traditional medicinal herb Polygonum cuspidatum. **2005**, 85, 489-492	20
1451	Analysis of natural antioxidants by capillary electromigration methods. **2005**, 28, 883-97	56
1450	Molecular mechanisms of the chemopreventive effects of resveratrol and its analogs in carcinogenesis. **2005**, 49, 452-61	110
1449	Resveratrol and breast cancer chemoprevention: molecular mechanisms. **2005**, 49, 462-71	119
1448	Effects of resveratrol, piceatannol, tri-acetoxystilbene, and genistein on the inflammatory response of human peripheral blood leukocytes. **2005**, 49, 431-42	72
1447	Bioavailability of trans-resveratrol from red wine in humans. **2005**, 49, 495-504	234
1446	Bioactivity and metabolism of trans-resveratrol orally administered to Wistar rats. **2005**, 49, 482-94	188
1445	Metabolism and bioavailability of trans-resveratrol. **2005**, 49, 472-81	488
1444	Resveratrol as an anti-inflammatory and anti-aging agent: mechanisms and clinical implications. **2005**, 49, 405-30	518
1443	Xanthohumol induces apoptosis in cultured 40-16 human colon cancer cells by activation of the death receptor- and mitochondrial pathway. **2005**, 49, 837-43	115
1442	Comparison of the phytoestrogen trans-resveratrol (3,4',5-trihydroxystilbene) structures from x-ray diffraction and solution NMR. **2005**, 43, 567-72	21
1441	Resveratrol glucoside (Piceid) synthesis in seeds of transgenic oilseed rape (Brassica napus L.). **2005** , 111, 1553-62	66

1440	Effect of resveratrol in experimental osteoarthritis in rabbits. **2005**, 54, 158-62	130
1439	Resveratrol as an anticancer nutrient: molecular basis, open questions and promises. **2005**, 16, 449-66	372
1438	Resveratrol modulates gene expression associated with apoptosis, proliferation and cell cycle in cells with mutated human c-Ha-Ras, but does not alter c-Ha-Ras mRNA or protein expression. **2005**, 16, 663-74	11
1437	Novel mechanisms of natural antioxidant compounds in biological systems: involvement of glutathione and glutathione-related enzymes. **2005**, 16, 577-86	708
1436	Synthesis and biodistribution of an 18F-labelled resveratrol derivative for small animal positron emission tomography. **2005**, 29, 415-28	26
1435	Signal transduction network leading to COX-2 induction: a road map in search of cancer chemopreventives. **2005**, 28, 1-15	42
1434	Fungicidal effect of resveratrol on human infectious fungi. **2005**, 28, 557-60	63
1433	Dietary factors modifying breast cancer risk and relation to time of intake. **2005**, 10, 87-100	26
1432	Resveratrol regulates cellular PKC alpha and delta to inhibit growth and induce apoptosis in gastric cancer cells. **2005**, 23, 111-9	81
1431	Resveratrol Synthase Transgene Expression and Accumulation of Resveratrol Glycoside in Rehmannia glutinosa. **2005**, 16, 219-233	30
1430	Saponins and Phenolics of Yucca schidigera Roezl: Chemistry and Bioactivity. **2005**, 4, 177-190	77
1429	Inhibition of cyclo-oxygenase-2 expression in mouse macrophages by 4-(3-methyl-but-1-enyl)-3,5,3',4'-tetrahydroxystilbene, a resveratrol derivative from peanuts. **2005**, 19, 552-5	13
1428	Prevention of Cancer by Dietary Phytochemicals. **2005**, 225-241	
1427	Quercetin attenuates nuclear factor-kappaB activation and nitric oxide production in interleukin-1beta-activated rat hepatocytes. **2005**, 135, 1359-65	106
1426	RESVERATROL AND NATURALLY OCCURRING ANALOGUES IN VACCINIUM SPECIES. **2005**, 137-143	7
1425	Anticancer effects of oligomeric proanthocyanidins on human colorectal cancer cell line, SNU-C4. **2005**, 11, 4674-8	22
1424	Antiangiogenic and vascular-targeting activity of the microtubule-destabilizing trans-resveratrol derivative 3,5,4'-trimethoxystilbene. **2005**, 67, 1451-9	98
1423	Chlorophyll, chlorophyllin and related tetrapyrroles are significant inducers of mammalian phase 2 cytoprotective genes. **2005**, 26, 1247-55	85

1422	Resveratrol causes Cdc2-tyr15 phosphorylation via ATM/ATR-Chk1/2-Cdc25C pathway as a central mechanism for S phase arrest in human ovarian carcinoma Ovcar-3 cells. **2005**, 26, 1978-87	132
1421	Telomeres, Senescence and Longevity: The Role of Oxidative Stress and Antioxidants. **2005**, 3, 129-156	1
1420	Resveratrol inhibits hypoxia-induced accumulation of hypoxia-inducible factor-1alpha and VEGF expression in human tongue squamous cell carcinoma and hepatoma cells. **2005**, 4, 1465-74	173
1419	Cytochrome P450. **2005**,	705
1418	Phytoestrogen exposure elevates PTEN levels. **2005**, 14, 1457-63	70
1417	New stilbenoid glucosides isolated from Vitis vinifera cell suspension cultures (cv. Cabernet Sauvignon). **2005**, 71, 888-90	20
1416	Wine and health: evidence and mechanisms. **2005**, 95, 122-139	15
1415	Metabolic Activation and Detoxification of Polycyclic Aromatic Hydrocarbons. **2005**, 19-96	27
1414	Selective COX-2 inhibition by a Pterocarpus marsupium extract characterized by pterostilbene, and its activity in healthy human volunteers. **2005**, 71, 387-92	53
1413	Two new antioxidant stilbene dimers, parthenostilbenins A and B from Parthenocissus tricuspidata. **2005**, 71, 973-6	51
1412	Resveratrol induces apoptosis and differentiation in acute promyelocytic leukemia (NB4) cells. **2005**, 7, 633-41	12
1411	Bioactive Constituents of the Genus Hernandia. **2005**, 559-602	1
1410	Resveratrol, a phenolic antioxidant with effects on blood platelet functions. **2005**, 16, 251-60	134
1409	Signal transduction pathways in cancer development and as targets for cancer prevention. **2005**, 79, 237-97	50
1408	Resveratrol-induced apoptotic death in human U251 glioma cells. **2005**, 4, 554-61	105
1407	Specific inhibition of MyD88-independent signaling pathways of TLR3 and TLR4 by resveratrol: molecular targets are TBK1 and RIP1 in TRIF complex. **2005**, 175, 3339-46	214
1406	Ozone. **2005**,	2
1405	Resveratrol, an extract of red wine, inhibits lipopolysaccharide induced airway neutrophilia and inflammatory mediators through an NF-kappaB-independent mechanism. **2005**, 19, 840-1	136

1404	Phytoestrogen resveratrol suppresses steroidogenesis by rat adrenocortical cells by inhibiting cytochrome P450 c21-hydroxylase. **2005**, 64, 280-6	25
1403	Consumer labels can convey polyphenolic content: implications for public health. **2005**, 12, 43-6	2
1402	Inhibition of benzo[a]pyrene-activating enzymes and DNA binding in human bronchial epithelial BEAS-2B cells by methoxylated flavonoids. **2006**, 27, 1579-85	47
1401	Chemoprevention of skin cancer by grape constituent resveratrol: relevance to human disease?. **2005**, 19, 1193-5	183
1400	Increased radiation sensitivity of an eosinophilic cell line following treatment with epigallocatechin-gallate, resveratrol and curcuma. **2005**, 15, 337	5
1399	Resveratrol affects X-ray induced apoptosis and cell cycle delay in human cells in vitro. **2005**, 15, 1005	3
1398	Dietary polyphenols and the prevention of diseases. **2005**, 45, 287-306	1922
1397	3,5-bis(trifluoromethyl)phenyl sulfones in the direct Julia-Kocienski olefination. **2005**, 70, 6404-16	57
1396	Human Cytochrome P450 Enzymes. **2005**, 377-530	189
1395	Food Phenolics, Pros and Cons: A Review. **2005**, 21, 367-388	112
1394	Effect of yeast strain selection on the concentration of cis- and trans-resveratrol and resveratrol glucoside isomers in wine. **2005**, 11, 9-14	9
1393	Better wine for better health: Fact or fiction?. **2005**, 11, 127-138	36
1392	Alcohol consumption and risk of non-Hodgkin lymphoma: a pooled analysis. **2005**, 6, 469-76	120
1391	Resveratrol inhibits vascular smooth muscle cell proliferation and induces apoptosis. **2005**, 42, 1190-7	77
1390	Design of a small-molecule entry inhibitor with activity against primary measles virus strains. **2005**, 49, 3755-61	50
1389	Association between pterostilbene and quercetin inhibits metastatic activity of B16 melanoma. **2005**, 7, 37-47	121
1388	Resveratrol and estradiol exert disparate effects on cell migration, cell surface actin structures, and focal adhesion assembly in MDA-MB-231 human breast cancer cells. **2005**, 7, 128-40	76
1387	Anti-angiogenic activity of resveratrol, a natural compound from medicinal plants. **2005**, 7, 205-13	73

1386	Inhibition of influenza A virus replication by resveratrol. **2005**, 191, 1719-29	178
1385	Pterostilbene, a new agonist for the peroxisome proliferator-activated receptor alpha-isoform, lowers plasma lipoproteins and cholesterol in hypercholesterolemic hamsters. **2005**, 53, 3403-7	148
1384	Resveratrol inhibits myeloma cell growth, prevents osteoclast formation, and promotes osteoblast differentiation. **2005**, 65, 9943-52	151
1383	Inhibiting effects of resveratrol and its glucoside piceid against Venturia inaequalis, the causal agent of apple scab. **2005**, 53, 356-62	38
1382	Effect of some phenolic compounds and beverages on pepsin activity during simulated gastric digestion. **2005**, 53, 8706-13	60
1381	Dietary agents in the chemoprevention of prostate cancer. **2005**, 53, 18-32	79
1380	Production of stilbenoids from the callus of Arachis hypogaea: a novel source of the anticancer compound piceatannol. **2005**, 53, 3877-81	108
1379	Resveratrol treatment controls microbial flora, prolongs shelf life, and preserves nutritional quality of fruit. **2005**, 53, 1526-30	24
1378	Viniferin formation by COX-1: evidence for radical intermediates during co-oxidation of resveratrol. **2005**, 68, 36-42	41
1377	Cellular uptake and efflux of trans-piceid and its aglycone trans-resveratrol on the apical membrane of human intestinal Caco-2 cells. **2005**, 53, 798-803	87
1376	Effect of ethanol and red wine on ochratoxin a-induced experimental acute nephrotoxicity. **2005**, 53, 6924-9	21
1375	Dietary antioxidant compounds and liver health. **2004**, 44, 575-86	208
1374	Synthesis of a resveratrol analogue with high ceramide-mediated proapoptotic activity on human breast cancer cells. **2005**, 48, 6783-6	65
1373	Drug bioactivation, covalent binding to target proteins and toxicity relevance. **2005**, 37, 41-213	228
1372	Evaluation of the anti-inflammatory and atopic dermatitis-mitigating effects of BSASM, a multicompound preparation. **2005**, 96, 211-9	6
1371	FcepsilonRI cross-linking activates a type II phosphatidylinositol 4-kinase in RBL 2H3 cells. **2005**, 42, 1541-9	13
1370	Resveratrol interference with the cell cycle protects human neuroblastoma SH-SY5Y cell from paclitaxel-induced apoptosis. **2005**, 46, 205-11	44
1369	CYP1A1 and CYP1B1 expressions in medulloblastoma cells are AhR-independent and have no direct link with resveratrol-induced differentiation and apoptosis. **2005**, 384, 33-7	18

1368	Expression of transgenic stilbene synthases in wheat causes the accumulation of unknown stilbene derivatives with antifungal activity. **2005**, 162, 985-1002	57
1367	Divergent effects of resveratrol, a polyphenolic phytostilbene, on free radical levels and type of cell death induced by the histone deacetylase inhibitors butyrate and trichostatin A. **2005**, 94, 39-47	9
1366	Effects of resveratrol on vascular tone and endothelial function of human saphenous vein and internal mammary artery. **2005**, 105, 209-15	68
1365	Toxicogenomics of resveratrol in rat liver. **2005**, 76, 2299-314	80
1364	Drug discovery from medicinal plants. **2005**, 78, 431-41	880
1363	Potential utility of natural polyphenols for reversing fat-induced insulin resistance. **2005**, 64, 628-35	24
1362	Resveratrol inhibits polyphosphoinositide metabolism in activated platelets. **2005**, 1714, 125-33	19
1361	Inhibition of melanoma cell proliferation by resveratrol is correlated with upregulation of quinone reductase 2 and p53. **2005**, 334, 223-30	73
1360	Wine preference and related health determinants in a U.S. national sample of young adults. **2005**, 78, 339-44	35
1359	Beer constituents as potential cancer chemopreventive agents. **2005**, 41, 1941-54	304
1358	The chemopreventive agent development research program in the Division of Cancer Prevention of the US National Cancer Institute: an overview. **2005**, 41, 1889-910	50
1357	Pterostilbene and 3'-hydroxypterostilbene are effective apoptosis-inducing agents in MDR and BCR-ABL-expressing leukemia cells. **2005**, 37, 1709-26	127
1356	Effect of resveratrol on matrix metalloproteinase-2 (MMP-2) and Secreted Protein Acidic and Rich in Cysteine (SPARC) on human cultured glioblastoma cells. **2005**, 59, 359-64	77
1355	Resveratrol-Cu(II) induced DNA breakage in human peripheral lymphocytes: implications for anticancer properties. **2005**, 579, 3131-5	107
1354	Immunosuppression by combined use of cyclosporine and resveratrol in a rat liver transplantation model. **2005**, 37, 2354-9	24
1353	Inhibition of COX activity by NSAIDs or ascorbate increases cAMP levels and enhances differentiation in 1alpha,25-dihydroxyvitamin D3-induced HL-60 cells. **2005**, 436, 32-9	15
1352	Determination of the phytoalexin resveratrol (3,5,4'-trihydroxystilbene) in peanuts and pistachios by high-performance liquid chromatographic diode array (HPLC-DAD) and gas chromatography-mass spectrometry (GC-MS). **2005**, 53, 5003-9	131
1351	Determination of stilbenes (delta-viniferin, trans-astringin, trans-piceid, cis- and trans-resveratrol, epsilon-viniferin) in Brazilian wines. **2005**, 53, 5664-9	155

1350	Prooxidant activity of resveratrol in the presence of copper ions: mutagenicity in plasmid DNA. **2005**, 159, 1-12	78
1349	Cancer--an ayurvedic perspective. **2005**, 51, 19-30	188
1348	Synthesis and biological properties of new stilbene derivatives of resveratrol as new selective aryl hydrocarbon modulators. **2005**, 48, 287-91	52
1347	Germination of peanut kernels to enhance resveratrol biosynthesis and prepare sprouts as a functional vegetable. **2005**, 53, 242-6	101
1346	Unique properties of polyphenol stilbenes in the brain: more than direct antioxidant actions; gene/protein regulatory activity. **2005**, 14, 61-70	92
1345	Elicitation of resveratrol in peanut kernels by application of abiotic stresses. **2005**, 53, 10186-92	51
1344	Sulfation of resveratrol in human liver: evidence of a major role for the sulfotransferases SULT1A1 and SULT1E1. **2005**, 35, 1101-19	77
1343	Chemoprevention of photocarcinogenesis by selected dietary botanicals. **2006**, 5, 243-53	150
1342	Comparison of cardioprotective abilities between the flesh and skin of grapes. **2006**, 54, 6613-22	78
1341	Detection and quantitation of resveratrol in tomato fruit (Lycopersicon esculentum Mill.). **2006**, 54, 7175-9	64
1340	Identification of a terphenyl derivative that blocks the cell cycle in the G0-G1 phase and induces differentiation in leukemia cells. **2006**, 49, 3012-8	71
1339	Novel antioxidant technology for prostate cancer chemoprevention and treatment. **2006**, 16, 1255-67	2
1338	Photoprotection, Photoinhibition, Gene Regulation, and Environment. **2006**,	42
1337	Possible inhibition of group I intron RNA by resveratrol and genistein. **2006**, 24, 25-32	4
1336	Using unnatural protein fusions to engineer resveratrol biosynthesis in yeast and Mammalian cells. **2006**, 128, 13030-1	158
1335	Acid-promoted reaction of the stilbene antioxidant resveratrol with nitrite ions: mild phenolic oxidation at the 4'-hydroxystiryl sector triggering nitration, dimerization, and aldehyde-forming routes. **2006**, 71, 4246-54	19
1334	High content of resveratrol in lettuce transformed with a stilbene synthase gene of Parthenocissus henryana. **2006**, 54, 8082-5	55
1333	Phytochemical and nutrient composition of the freeze-dried amazonian palm berry, Euterpe oleraceae mart. (acai). **2006**, 54, 8598-603	252

1332	DNA damage induced by resveratrol and its synthetic analogues in the presence of Cu (II) ions: mechanism and structure-activity relationship. **2006**, 41, 1807-16	128
1331	Chemopreventive effect of trans-resveratrol--a phytoalexin against colonic aberrant crypt foci and cell proliferation in 1,2-dimethylhydrazine induced colon carcinogenesis. **2006**, 27, 1038-46	110
1330	Chemoprevention of pancreatic cancer: a review of the molecular pathways involved, and evidence for the potential for chemoprevention. **2006**, 6, 429-39	22
1329	Mechanisms involved in resveratrol-induced apoptosis and cell cycle arrest in prostate cancer-derived cell lines. **2007**, 28, 282-93	129
1328	Catalytic inhibition of human DNA topoisomerase II by interactions of grape cell culture polyphenols. **2006**, 54, 2083-7	43
1327	Resveratrol interferes with AKT activity and triggers apoptosis in human uterine cancer cells. **2006**, 5, 45	86
1326	Substituted trans-stilbenes, including analogues of the natural product resveratrol, inhibit the human tumor necrosis factor alpha-induced activation of transcription factor nuclear factor kappaB. **2006**, 49, 7182-9	137
1325	Antioxidant activity of a catechol derived from abietic acid. **2006**, 54, 342-8	36
1324	Rapid synthesis of triazole-modified resveratrol analogues via click chemistry. **2006**, 49, 467-70	181
1323	Chemical, Pharmacologic, and Physical Agents Causing Hypomelanoses. 669-685	2
1322	A review of the effects and mechanisms of polyphenolics in cancer. **2006**, 46, 161-83	312
1321	Phenolic Compounds and their Effects on Human Health. **2008**, 235-255	13
1320	Antioxidant activity and inhibition of alpha-glucosidase by trans-resveratrol, piceid, and a novel trans-stilbene from the roots of Israeli Rumex bucephalophorus L. **2006**, 54, 1243-7	76
1319	Dosage effects of resveratrol on ethanol-induced cell death in the human K562 cell line. **2006**, 161, 1-9	26
1318	Piceatannol attenuates lipopolysaccharide-induced NF-kappaB activation and NF-kappaB-related proinflammatory mediators in BV2 microglia. **2006**, 54, 461-7	64
1317	Biosynthesis enhancement and antioxidant and anti-inflammatory activities of peanut (Arachis hypogaea L.) arachidin-1, arachidin-3, and isopentadienylresveratrol. **2006**, 54, 10281-7	58
1316	Piceid (resveratrol glucoside) synthesis in stilbene synthase transgenic apple fruit. **2006**, 54, 4633-40	55
1315	Quinone reductase induction as a biomarker for cancer chemoprevention. **2006**, 69, 460-3	171

1314	Extractable amounts of trans-resveratrol in seed and berry skin in Vitis evaluated at the germplasm level. **2006**, 54, 8804-11	55
1313	Resveratrol binding to human serum albumin. **2006**, 24, 277-83	67
1312	Preharvest Chitosan and Postharvest UV Irradiation Treatments Suppress Gray Mold of Table Grapes. **2006**, 90, 445-450	94
1311	Cytotoxicity of bioactive polymeric fractions from grape cell culture on human hepatocellular carcinoma, murine leukemia and non-cancerous PK15 kidney cells. **2006**, 44, 1758-67	22
1310	Modulatory influence of dietary resveratrol during different phases of 1,2-dimethylhydrazine induced mucosal lipid-peroxidation, antioxidant status and aberrant crypt foci development in rat colon carcinogenesis. **2006**, 1760, 1175-83	77
1309	Resveratrol exerts its antiproliferative effect on HepG2 hepatocellular carcinoma cells, by inducing cell cycle arrest, and NOS activation. **2006**, 1760, 1657-66	82
1308	Functional interaction of nuclear receptor coactivator 4 with aryl hydrocarbon receptor. **2006**, 346, 526-34	35
1307	Regulation of proliferation and gene expression in cultured human aortic smooth muscle cells by resveratrol and standardized grape extracts. **2006**, 346, 367-76	42
1306	Resveratrol induces apoptosis and inhibits angiogenesis in human breast cancer xenografts in vivo. **2006**, 231, 113-22	262
1305	Resveratrol-induced apoptosis is enhanced in acute lymphoblastic leukemia cells by modulation of the mitochondrial permeability transition pore. **2006**, 240, 123-34	48
1304	Lycopene reduces azoxymethane-induced colon tumors in Fisher 344 rats. **2006**, 26, 84-91	8
1303	Resveratrol prevents CsA inhibition of proliferation and osteoblastic differentiation of mouse bone marrow-derived mesenchymal stem cells through an ER/NO/cGMP pathway. **2006**, 20, 915-22	46
1302	Efeito do cozimento sobre alguns fatores antinutricionais em folhas de br□oli, couve- flor e couve. **2006**, 30, 294-301	12
1301	Polyamine depletion and cell cycle manipulation in combination with HSV thymidine kinase/ganciclovir cancer gene therapy. **2006**, 28, 1515	
1300	Cardioprotective and Other Beneficial Effects of Some Indian Medicinal Plants. **2006**, 38, 9-18	11
1299	Peanut consumption and reduced risk of colorectal cancer in women: a prospective study in Taiwan. **2006**, 12, 222-7	51
1298	Fruit and Vegetable Consumption and Cancer. **2006**, 97-173	4
1297	Effects of Stilbene and Related Compounds on Reproductive Organs in B6C3F1/Crj Mouse. **2006**, 52, 613-622	9

1296	Resveratrol oligomers and their O-glucosides from Cotylelobium lanceolatum. **2006**, 54, 363-7	6
1295	Resveratrol is rapidly metabolized in athymic (nu/nu) mice and does not inhibit human melanoma xenograft tumor growth. **2006**, 136, 2542-6	74
1294	Aktivitas Oligoresveratrol dari Kulit Batang Hopea mengarawan (Dipterocarpaceae) sebagai Penangkap Radikal Hidroksil. **2006**, 13, 65-68	0
1293	Natural product-based inhibitors of hypoxia-inducible factor-1 (HIF-1). **2006**, 7, 355-69	75
1292	Dietary supplementation of resveratrol suppresses colonic tumour incidence in 1,2-dimethylhydrazine-treated rats by modulating biotransforming enzymes and aberrant crypt foci development. **2006**, 96, 145-53	82
1291	Antioxidant activity of resveratrol, piceatannol and 3,3',4,4',5,5'-hexahydroxy-trans-stilbene in three leukemia cell lines. **2006**, 16, 617	17
1290	Alcohol drinking and breast cancer. **2006**, 9, 1-11	1
1289	In-vitro effects of polyphenols from cocoa and beta-sitosterol on the growth of human prostate cancer and normal cells. **2006**, 15, 353-61	47
1288	Genetic analysis of the Italian Vitis vinifera cultivar â□intiliaâ□and related cultivars using SSR markers. **2006**, 81, 989-994	6
1287	Resveratrol inhibits inducible nitric oxide synthase and cyclooxygenase-2 expression in □amyloid-treated C6 glioma cells. **2006**, 17, 1069	7
1286	Preparation and Preferences of Peanut-Tempeh, Peanuts Fermented with Rhizopus oligosporus. **2006**, 12, 270-274	1
1285	Effect of resveratrol on alcohol-induced mortality and liver lesions in mice. **2006**, 6, 35	44
1284	Biosynthesis of plant-specific stilbene polyketides in metabolically engineered Escherichia coli. **2006**, 6, 22	140
1283	Ixocarpalactone A isolated from the Mexican tomatillo shows potent antiproliferative and apoptotic activity in colon cancer cells. **2006**, 273, 5714-23	28
1282	Regulation of APP synthesis and secretion by neuroimmunophilin ligands and cyclooxygenase inhibitors. **2000**, 920, 261-8	24
1281	Resveratrol as a novel agent for treatment of multiple myeloma with matrix metalloproteinase inhibitory activity. **2006**, 27, 1447-52	42
1280	Analysis of the resveratrol-binding protein using phage-displayed random peptide library. **2006**, 38, 342-8	13
1279	Time- and concentration-dependent effects of resveratrol in HL-60 and HepG2 cells. **2006**, 39, 479-93	43

1278	Induction of Quinone Reductase, The Phase 2 Anticarcinogenic Marker Enzyme, in Hepa1c1c7 Cells by Radish Sprouts, Raphanus sativus L.. **2006**, 71, S144-S148	23
1277	Therapeutic potential of resveratrol: the in vivo evidence. **2006**, 5, 493-506	2806
1276	Synthesis and antimicrobial activity of new (E)-4-[piperidino (4'-methylpiperidino-, morpholino-) N-alkoxy]stilbenes. **2006**, 41, 519-25	23
1275	Synthesis of stilbene derivatives with inhibition of SARS coronavirus replication. **2006**, 41, 1084-9	58
1274	Effect of heating conditions of grape seeds on the antioxidant activity of grape seed extracts. **2006** , 97, 472-479	142
1273	Chocolate and cocoa: New sources of trans-resveratrol and trans-piceid. **2006**, 98, 649-657	133
1272	Stilbene-based anticancer agents: resveratrol analogues active toward HL60 leukemic cells with a non-specific phase mechanism. **2006**, 16, 3245-8	60
1271	Phenolic compounds in red wine subjected to industrial malolactic fermentation and ageing on lees. **2006**, 563, 116-125	78
1270	Structure-activity relationship studies of resveratrol and its analogues by the reaction kinetics of low density lipoprotein peroxidation. **2006**, 34, 142-57	49
1269	Determination of trans-resveratrol in grapes by pressurised liquid extraction and fast high-performance liquid chromatography. **2006**, 1110, 61-5	70
1268	Determination of stoichiometric coefficients and apparent formation constants for beta-cyclodextrin complexes of trans-resveratrol using reversed-phase liquid chromatography. **2006**, 1135, 158-65	69
1267	Structural basis for DNA-cleaving activity of resveratrol in the presence of Cu(II). **2006**, 14, 1437-43	68
1266	Design, synthesis, and biological evaluation of 1,3-diarylprop-2-en-1-ones : a novel class of cyclooxygenase-2 inhibitors. **2006**, 14, 2600-5	34
1265	High-performance liquid chromatography spectrometric analysis of trans-resveratrol in rat plasma. **2006**, 832, 177-80	32
1264	Oxazoline chemistry. Part 12: A metal-mediated synthesis of DMU-212; X-ray diffraction studies of an important anti-cancer agent. **2006**, 47, 2245-2247	16
1263	A non-catalytic regioselective approach to the synthesis of (E)-stilbenes from suitably functionalized 2H-pyran-2-ones. **2006**, 47, 2949-2952	8
1262	Synthesis of polyhydroxylated ester analogs of the stilbene resveratrol using decarbonylative Heck couplings. **2006**, 47, 5811-5814	38
1261	Resveratrol induces apoptotic cell death in rat H4IIE hepatoma cells but necrosis in C6 glioma cells. **2006**, 225, 173-82	55

1260	Resveratrol, a red wine antioxidant, possesses an insulin-like effect in streptozotocin-induced diabetic rats. **2006**, 290, E1339-46	283
1259	The roles of polyphenols in cancer chemoprevention. **2006**, 26, 105-21	155
1258	Anti-mitotic properties of resveratrol analog (Z)-3,5,4'-trimethoxystilbene. **2006**, 27, 37-46	27
1257	Resveratrol-induced cell inhibition of growth and apoptosis in MCF7 human breast cancer cells are associated with modulation of phosphorylated Akt and caspase-9. **2006**, 135, 181-92	65
1256	Hopeaphenol: the first resveratrol tetramer in wines from North Africa. **2006**, 54, 9559-64	56
1255	Rapid screening of ascorbic acid, glycoalkaloids, and phenolics in potato using high-performance liquid chromatography. **2006**, 54, 5253-60	118
1254	HostâĢGuest Interaction Study of Resveratrol With Natural and Modified Cyclodextrins. **2006**, 55, 279-287	88
1253	c-Myc downregulation: a critical molecular event in resveratrol-induced cell cycle arrest and apoptosis of human medulloblastoma cells. **2006**, 80, 123-31	45
1252	Transport, deglycosylation, and metabolism of trans-piceid by small intestinal epithelial cells. **2006**, 45, 376-82	79
1251	Short anoxic treatments to enhance trans-resveratrol content in grapes and wine. **2006**, 224, 373-378	31
1250	Selective COX-2 inhibitors. Part 1: synthesis and biological evaluation of phenylazobenzenesulfonamides. **2006**, 16, 4440-3	39
1249	A comparison of the anticarcinogenic properties of four red wine polyphenols. **2006**, 39, 492-497	42
1248	Coronary heart disease: How do the benefits of ĒB fatty acids compare with those of aspirin, alcohol/red wine, and statin drugs?. **2006**, 83, 985-997	3
1247	Cardioprotective effect of resvaratrol pretreatment on myocardial ischemia-reperfusion induced injury in rats. **2006**, 45, 122-6	36
1246	Bioactivity of Resveratrol. **2006**, 5, 65-70	174
1245	Cytotoxic and biochemical effects of 3,3',4,4',5,5'-hexahydroxystilbene, a novel resveratrol analog in HL-60 human promyelocytic leukemia cells. **2006**, 34, 1377-84	39
1244	Potent antiproliferative effects of resveratrol on human osteosarcoma SJSA1 cells: Novel cellular mechanisms involving the ERKs/p53 cascade. **2006**, 41, 318-25	46
1243	Resveratrol downregulates the constitutional activation of nuclear factor-kappaB in multiple myeloma cells, leading to suppression of proliferation and invasion, arrest of cell cycle, and induction of apoptosis. **2006**, 165, 9-19	81

1242	Black rice anthocyanins inhibit cancer cells invasion via repressions of MMPs and u-PA expression. **2006**, 163, 218-29	167
1241	Emerging role of polyphenolic compounds in the treatment of neurodegenerative diseases: a review of their intracellular targets. **2006**, 545, 51-64	499
1240	Resveratrol inhibition of varicella-zoster virus replication in vitro. **2006**, 72, 171-7	84
1239	Protective effect of nitric oxide pathway in resveratrol renal ischemia-reperfusion injury in rats. **2006**, 37, 19-26	61
1238	Resveratrol prolongs lifespan and retards the onset of age-related markers in a short-lived vertebrate. **2006**, 16, 296-300	646
1237	Relative effects of phenolic constituents from Yucca schidigera Roezl. bark on Kaposi's sarcoma cell proliferation, migration, and PAF synthesis. **2006**, 71, 1479-87	42
1236	Resveratrol modulates phorbol ester-induced pro-inflammatory signal transduction pathways in mouse skin in vivo: NF-kappaB and AP-1 as prime targets. **2006**, 72, 1506-15	168
1235	Inhibition of phosphatidylinositol 3-kinase-mediated glucose metabolism coincides with resveratrol-induced cell cycle arrest in human diffuse large B-cell lymphomas. **2006**, 72, 1246-56	62
1234	Effect of high CO2 pretreatment on quality, fungal decay and molecular regulation of stilbene phytoalexin biosynthesis in stored table grapes. **2006**, 42, 209-216	59
1233	Determination of piceid in rat plasma and tissues by high-performance liquid chromatographic method with UV detection. **2006**, 20, 1260-6	24
1232	Regioselective glucosylation of aromatic compounds: screening of a recombinant glycosyltransferase library to identify biocatalysts. **2006**, 45, 3534-8	23
1231	Alcohol consumption and ovarian cancer risk in a population-based case-control study. **2006**, 119, 2423-7	23
1230	Time-dependent resveratrol-mediated mRNA and protein expression associated with cell cycle in WR-21 cells containing mutated human c-Ha-Ras. **2006**, 50, 70-7	5
1229	Beneficial effects of dietary polyphenols using lung inflammation as a model. **2006**, 86, 2499-2502	6
1228	Regioselective Glucosylation of Aromatic Compounds: Screening of a Recombinant Glycosyltransferase Library to Identify Biocatalysts. **2006**, 118, 3614-3618	6
1227	Resveratrol down-regulates the growth and telomerase activity of breast cancer cells in vitro. **2006**, 28, 641	19
1226	Nutrition and cancer prevention: targets, strategies, and the importance of early life interventions. **2006**, 57, 153-202	7
1225	Resveratrol suppresses tumor necrosis factor-alpha-induced fractalkine expression in endothelial cells. **2006**, 70, 112-9	57

1224	Resveratrol as a chemopreventive agent: a promising molecule for fighting cancer. **2006**, 7, 423-42	308
1223	Xenobiotic-metabolizing enzymes involved in activation and detoxification of carcinogenic polycyclic aromatic hydrocarbons. **2006**, 21, 257-76	421
1222	Resveratrol-caused apoptosis of human prostate carcinoma LNCaP cells is mediated via modulation of phosphatidylinositol 3'-kinase/Akt pathway and Bcl-2 family proteins. **2006**, 5, 1335-41	167
1221	Role of Dietary Xenobiotics-Gene Interactions in Carcinogenesis: Protective Effects of Nutritional Factors. **2006**, 2, 205-214	1
1220	Resveratrol-induced cyclooxygenase-2 facilitates p53-dependent apoptosis in human breast cancer cells. **2006**, 5, 2034-42	104
1219	Potent inhibition of Lewis lung cancer growth by heyneanol A from the roots of Vitis amurensis through apoptotic and anti-angiogenic activities. **2006**, 27, 2059-69	73
1218	Dihydroxyphenylethanol induces apoptosis by activating serine/threonine protein phosphatase PP2A and promotes the endoplasmic reticulum stress response in human colon carcinoma cells. **2006**, 27, 1812-27	93
1217	Distribution of [3H]trans-resveratrol in rat tissues following oral administration. **2006**, 96, 62-70	106
1216	Phytoestrogens and breast cancer--promoters or protectors?. **2006**, 13, 995-1015	127
1215	Resveratrol inhibits phorbol ester-induced expression of COX-2 and activation of NF-kappaB in mouse skin by blocking IkappaB kinase activity. **2006**, 27, 1465-74	226
1214	Mitochondria as the primary target of resveratrol-induced apoptosis in human retinoblastoma cells. **2006**, 47, 3708-16	87
1213	Peroxisome proliferator-activated receptor gamma as a molecular target of resveratrol-induced modulation of polyamine metabolism. **2006**, 66, 7348-54	86
1212	Caspase-2 triggers Bax-Bak-dependent and -independent cell death in colon cancer cells treated with resveratrol. **2006**, 281, 17599-611	51
1211	Skin bioavailability of dietary vitamin E, carotenoids, polyphenols, vitamin C, zinc and selenium. **2006**, 96, 227-38	82
1210	Resveratrol, but not EGCG, in the diet suppresses DMBA-induced mammary cancer in rats. **2006**, 5, 15	96
1209	Resveratrol and the pharmacology of aging: a new vertebrate model to validate an old molecule. **2006**, 5, 1027-32	67
1208	The effect of resveratrol in experimental cataract model formed by sodium selenite. **2006**, 31, 147-53	76
1207	Genistein and resveratrol: mammary cancer chemoprevention and mechanisms of action in the rat. **2006**, 6, 1699-706	58

1206	Determination of Dissociation Constants of Resverastrol and Polydatin by Capillary Zone Electrophoresis. **2006**, 29, 1457-1463	16
1205	Differential expression of genes induced by resveratrol in human breast cancer cell lines. **2006**, 56, 193-203	18
1204	Resveratrol induces cell death in colorectal cancer cells by a novel pathway involving lysosomal cathepsin D. **2007**, 28, 922-31	96
1203	Resveratrol and its glycon piceid are stable polyphenols. **2006**, 9, 11-4	26
1202	Characterization of the substrate specificity of PhlD, a type III polyketide synthase from Pseudomonas fluorescens. **2006**, 281, 32036-47	53
1201	Nitric oxide mediates natural polyphenol-induced Bcl-2 down-regulation and activation of cell death in metastatic B16 melanoma. **2007**, 282, 2880-90	31
1200	Pterostilbene, an active constituent of blueberries, suppresses aberrant crypt foci formation in the azoxymethane-induced colon carcinogenesis model in rats. **2007**, 13, 350-5	124
1199	Biologically Active Components and Nutraceuticals in Peanuts and Related Products: Review. **2007**, 23, 123-140	52
1198	Forkhead proteins are critical for bone morphogenetic protein-2 regulation and anti-tumor activity of resveratrol. **2007**, 282, 19385-98	86
1197	Cyanidin-3-rutinoside, a natural polyphenol antioxidant, selectively kills leukemic cells by induction of oxidative stress. **2007**, 282, 13468-76	149
1196	Non-genomic action of resveratrol on androgen and oestrogen receptors in prostate cancer: modulation of the phosphoinositide 3-kinase pathway. **2007**, 96, 1595-604	47
1195	Antioxidant Effects and Drug Interactions of Resveratrol Present in Wine. **2007**, 18, 59-71	5
1194	Resveratrol protects SH-SY5Y neuroblastoma cells from apoptosis induced by dopamine. **2007**, 39, 376-84	71
1193	Metabolic activation of herbal and dietary constituents and its clinical and toxicological implications: an update. **2007**, 8, 526-53	115
1192	Evaluation of resveratrol and piceatannol cytotoxicity in macrophages, T cells, and skin cells. **2007**, 58, 293-304	16
1191	Fungal-stressed germination of black soybeans leads to generation of oxooctadecadienoic acids in addition to glyceollins. **2007**, 55, 8589-95	33
1190	Chemopreventive anti-inflammatory activities of curcumin and other phytochemicals mediated by MAP kinase phosphatase-5 in prostate cells. **2007**, 28, 1188-96	129
1189	The anti-cancer charm of flavonoids: a cup-of-tea will do!. **2007**, 2, 109-17	25

1188	Anti-inflammatory responses of resveratrol. **2007**, 6, 168-73	292
1187	Resveratrol induces pro-apoptotic endoplasmic reticulum stress in human colon cancer cells. **2007**, 18, 1269	13
1186	New enlightenment of French Paradox: resveratrol's potential for cancer chemoprevention and anti-cancer therapy. **2007**, 6, 1833-6	88
1185	Resveratrol-induced apoptosis is associated with activation of p53 and inhibition of protein translation in T47D human breast cancer cells. **2007**, 80, 134-43	60
1184	Resveratrol: a therapeutic promise for cardiovascular diseases. **2007**, 2, 133-8	120
1183	Resveratrol, a component of red wine, elicits dilation of isolated porcine retinal arterioles: role of nitric oxide and potassium channels. **2007**, 48, 4232-9	72
1182	Resveratrol (trans-3,5,4'-trihydroxystilbene) ameliorates experimental allergic encephalomyelitis, primarily via induction of apoptosis in T cells involving activation of aryl hydrocarbon receptor and estrogen receptor. **2007**, 72, 1508-21	142
1181	The effect of resveratrol on prevention of the development of postoperative adhesions in a rat model. **2007**, 23, 518-22	7
1180	Myricetin is a novel natural inhibitor of neoplastic cell transformation and MEK1. **2007**, 28, 1918-27	96
1179	Mitochondria, calcium, and calpain are key mediators of resveratrol-induced apoptosis in breast cancer. **2007**, 72, 1466-75	128
1178	Overexpression of human papillomavirus type 16 oncoproteins enhances hypoxia-inducible factor 1 alpha protein accumulation and vascular endothelial growth factor expression in human cervical carcinoma cells. **2007**, 13, 2568-76	113
1177	Resveratrol is pro-apoptotic and thyroid hormone is anti-apoptotic in glioma cells: both actions are integrin and ERK mediated. **2008**, 29, 62-9	96
1176	Resveratrol inhibits tumor growth of human neuroblastoma and mediates apoptosis by directly targeting mitochondria. **2007**, 13, 5162-9	142
1175	Phase I dose escalation pharmacokinetic study in healthy volunteers of resveratrol, a potential cancer chemopreventive agent. **2007**, 16, 1246-52	607
1174	Resveratrol suppresses prostate cancer progression in transgenic mice. **2007**, 28, 1946-53	128
1173	Clusterin mediates TRAIL resistance in prostate tumor cells. **2007**, 6, 2938-47	45
1172	Resveratrol: from basic science to the clinic. **2007**, 6, 2495-510	132
1171	Resveratrol down-regulates the androgen receptor at the post-translational level in prostate cancer cells. **2007**, 53, 556-60	34

1170	Involvement of Electron Transfer in the Radical-scavenging Reaction of Resveratrol. **2007**, 36, 1276-1277	25
1169	Resveratrol is a class IA phosphoinositide 3-kinase inhibitor. **2007**, 406, 511-8	146
1168	Resveratrol inhibits proliferation, induces apoptosis, and overcomes chemoresistance through down-regulation of STAT3 and nuclear factor-kappaB-regulated antiapoptotic and cell survival gene products in human multiple myeloma cells. **2007**, 109, 2293-302	343
1167	Melanoma vasculogenic mimicry is strongly related to reactive oxygen species level. **2007**, 17, 370-9	31
1166	Rofecoxib has different effects on chemokine production in colorectal cancer cells and tumor immune splenocytes. **2007**, 30, 614-23	5
1165	Reactive oxygen species in melanoma and its therapeutic implications. **2007**, 17, 400-9	101
1164	Resveratrol-induced growth inhibition in MDA-MB-231 breast cancer cells is associated with mitogen-activated protein kinase signaling and protein translation. **2007**, 16, 334-41	51
1163	An Efficient Synthesis of Resveratrol and a Hydroxyl Derivative via the Perkin Reaction: cis to trans Isomerisation in a Demethylation Process. **2007**, 2007, 657-659	1
1162	Expression of DNA repair and metabolic genes in response to a flavonoid-rich diet. **2007**, 98, 525-33	29
1161	Sirtuins, nuclear hormone receptor acetylation and transcriptional regulation. **2007**, 18, 356-64	39
1160	Suppression of human monocyte tissue factor induction by red wine phenolics and synthetic derivatives of resveratrol. **2007**, 119, 247-56	36
1159	Strong cardioprotective effect of resveratrol, a red wine polyphenol, on isolated rat hearts after ischemia/reperfusion injury. **2007**, 457, 1-6	76
1158	Resveratrol (trans-3,4',5-trihydroxystilbene) decreases lipid peroxidation level and protects antioxidant capacity in sera and erythrocytes of old female Wistar rats induced by the kidney carcinogen potassium bromate. **2007**, 24, 79-85	21
1157	Oncogenicity evaluation of resveratrol in p53(+/-) (p53 knockout) mice. **2007**, 45, 55-63	29
1156	Resveratrol, a natural diphenol, reduces metastatic growth in an experimental cancer model. **2007**, 245, 144-8	60
1155	Resveratrol sensitization of DU145 prostate cancer cells to ionizing radiation is associated to ceramide increase. **2007**, 253, 124-30	71
1154	Hypoxia enhances LPA-induced HIF-1alpha and VEGF expression: their inhibition by resveratrol. **2007**, 258, 63-9	88
1153	Resveratrol inhibits pancreatic cancer cell proliferation through transcriptional induction of macrophage inhibitory cytokine-1. **2007**, 138, 163-9	63

1152	Evaluation of antitumor effects of two vine stalk oligomers of resveratrol on a panel of lymphoid and myeloid cell lines: comparison with resveratrol. **2007**, 81, 1565-74	42
1151	Resveratrol induces apoptosis, influences IL-6 and exerts immunomodulatory effect on mouse lymphocytic leukemia both in vitro and in vivo. **2007**, 7, 1221-31	53
1150	Electrochemical sensing DNA damage with nano-titanium dioxide and repair with a medicinal herb species resveratrol. **2007**, 127, 653-6	19
1149	Molecular mechanisms of resveratrol action in lung cancer cells using dual protein and microarray analyses. **2007**, 67, 12007-17	95
1148	Antinociceptive and Anti-inflammatory Activities and Acute Toxicity of Achillea nobilis. subsp. neilreichii. Extract in Mice and Rats. **2007**, 45, 162-168	9
1147	Effect of soil type on wines produced from Vitis vinifera L. cv. Grenache in commercial vineyards. **2007**, 55, 779-86	94
1146	Commentary: bioavailability of flavonoids and polyphenols: call to arms. **2007**, 4, 803-6	106
1145	Cancer genomics and proteomics. Methods and Protocols. Preface. **2007**, 383, v-vii	1
1144	Inhibition of depurinating estrogen-DNA adduct formation by natural compounds. **2007**, 20, 1947-53	40
1143	Palladium-catalyzed cross-coupling reactions in one-pot multicatalytic processes. **2007**, 129, 13321-6	84
1142	Differential effect of proIGF-II and IGF-II on resveratrol induced cell death by regulating survivin cellular localization and mitochondrial depolarization in breast cancer cells. **2007**, 25, 363-72	28
1141	Reactive oxygen species regulate angiogenesis and tumor growth through vascular endothelial growth factor. **2007**, 67, 10823-30	382
1140	Transgenic alfalfa that accumulates piceid (trans-resveratrol-3-O-beta-D-glucopyranoside) requires the presence of beta-glucosidase to inhibit the formation of aberrant crypt foci in the colon of CF-1 mice. **2007**, 58, 66-74	11
1139	Resveratrol inhibits nitric oxide and prostaglandin E2 production by lipopolysaccharide-activated C6 microglia. **2007**, 10, 218-24	54
1138	Endogenous formation of N'-nitrosonornicotine in F344 rats in the presence of some antioxidants and grape seed extract. **2007**, 55, 7199-204	20
1137	Resveratrol content in strawberry fruit is affected by preharvest conditions. **2007**, 55, 8269-74	50
1136	Resveratrol inhibits the activity of equine neutrophil myeloperoxidase by a direct interaction with the enzyme. **2007**, 55, 8080-7	54
1135	Anticancer effects of four varieties of muscadine grape. **2007**, 10, 54-9	34

1134	Differential effects of wine consumption on colorectal cancer outcomes based on family history of the disease. **2007**, 59, 36-45	25
1133	The regulation of cyclin D1 degradation: roles in cancer development and the potential for therapeutic invention. **2007**, 6, 24	547
1132	Resveratrol as an antioxidant and pro-oxidant agent: mechanisms and clinical implications. **2007**, 35, 1156-60	521
1131	Interaction of resveratrol and its trimethyl and triacetyl derivatives with biomembrane models studied by differential scanning calorimetry. **2007**, 55, 3720-8	32
1130	Characterization of immunological activities of peanut stilbenoids, arachidin-1, piceatannol, and resveratrol on lipopolysaccharide-induced inflammation of RAW 264.7 macrophages. **2007**, 55, 2376-83	84
1129	Neuroprotective effects of resveratrol against intracerebroventricular colchicine-induced cognitive impairment and oxidative stress in rats. **2007**, 79, 17-26	101
1128	Potential cancer chemopreventive in vitro activities of monomeric xanthone derivatives from the marine algicolous fungus Monodictys putredinis. **2007**, 70, 353-60	85
1127	Willow leaves' extracts contain anti-tumor agents effective against three cell types. **2007**, 2, e178	42
1126	Antioxidant activity of extract from Polygonum cuspidatum. **2007**, 40, 13-21	53
1125	Chemoprevention by resveratrol: molecular mechanisms and therapeutic potential. **2007**, 12, 4839-54	259
1124	Functional Foods and Ingredients. 901-937	
1123	Cyclooxygenase-2 as target for chemopreventive interventions: new approaches. **2007**, 3, 153-61	5
1122	Anti-tumor Properties of Stilbene-based Resveratrol Analogues: Recent Results. **2007**, 2, 1934578X0700200	12
1121	High-Value Phytochemicals from Grape Cane Waste: Potential Value-Added Viticultural Sources of Trans-Resveratrol and Trans-e-Viniferin with Medicinal and Anti-Phytopathogenic Applications. **2007**,	
1120	Antimyeloma effects of resveratrol through inhibition of angiogenesis. **2007**, 120, 1672-1677	30
1119	Total synthesis of resveratrol-based natural products: a chemoselective solution. **2007**, 46, 8186-91	149
1118	Stereospecific determination of cis- and trans-resveratrol in rat plasma by HPLC: application to pharmacokinetic studies. **2007**, 21, 257-65	66
1117	Total Synthesis of Resveratrol-Based Natural Products: A Chemoselective Solution. **2007**, 119, 8334-8339	47

1116	Laccase-Catalyzed Dimerization of Hydroxystilbenes. **2007**, 349, 1497-1506	85
1115	Targeting NOX, INOS and COX-2 in inflammatory cells: chemoprevention using food phytochemicals. **2007**, 121, 2357-63	352
1114	Cyclin degradation for cancer therapy and chemoprevention. **2007**, 102, 869-77	41
1113	A Concise and Convenient Synthesis of Stilbenes via Benzils and Arylmethyldiphenylphosphine Oxides. **2007**, 25, 1866-1870	8
1112	Cis-stilbene derived furopyranones show potent antiproliferative activity by inducing G2/M arrest. **2007**, 2, 441-4	6
1111	Inhibition of human recombinant cytochromes P450 CYP1A1 and CYP1B1 by trans-resveratrol methyl ethers. **2007**, 51, 517-24	80
1110	Cranberry and blueberry: evidence for protective effects against cancer and vascular diseases. **2007** , 51, 652-64	322
1109	Bioactivity of extracts from gonadal tissue of the edible Australian purple sea urchin Heliocidaris erythrogramma. **2007**, 87, 694-701	15
1108	Analysis of non-anthocyanin phenolic compounds in wine samples using high performance liquid chromatography with ultraviolet and fluorescence detection. **2007**, 30, 1262-6	28
1107	Isocratic chromatography of resveratrol and piceid after previous generation of fluorescent photoproducts: wine analysis without sample preparation. **2007**, 30, 3110-9	13
1106	Remarkable synergism in methylimidazole-promoted decarboxylation of substituted cinnamic acid derivatives in basic water medium under microwave irradiation: a clean synthesis of hydroxylated (E)-stilbenes. **2007**, 63, 7640-7646	24
1105	An unusual, mild and convenient one-pot two-step access to (E)-stilbenes from hydroxy-substituted benzaldehydes and phenylacetic acids under microwave activation: a new facet of the classical Perkin reaction. **2007**, 63, 11070-11077	61
1104	Original one-pot microwave-promoted HunsdieckerâSuzuki strategy: straightforward access to trans-1,2-diarylethenes from cinnamic acids. **2007**, 48, 4347-4351	37
1103	An efficient palladium-catalyzed Negishi cross-coupling reaction with arylvinyl iodides: facile regioselective synthesis of E-stilbenes and their analogues. **2007**, 48, 7269-7273	15
1102	A DMol3 study on the reaction between trans-resveratrol and hydroperoxyl radical: Dissimilarity of antioxidant activity among OâH groups of trans-resveratrol. **2007**, 809, 79-85	28
1101	'Bridged' stilbene derivatives as selective cyclooxygenase-1 inhibitors. **2007**, 15, 6109-18	33
1100	Synthesis and cytotoxic evaluation of a series of resveratrol derivatives modified in C2 position. **2007**, 42, 263-7	35
1099	Quinone reductase induction activity of methoxylated analogues of resveratrol. **2007**, 42, 841-50	54

1098	A review of the content of the putative chemopreventive phytoalexin resveratrol in red wine. **2007**, 101, 449-457	200
1097	Currants (Vitis vinifera L.) content of simple phenolics and antioxidant activity. **2007**, 102, 516-522	92
1096	Synthesis and evaluation of new phenolic-based antioxidants: Structureâ‐activity relationship. **2007**, 103, 55-61	137
1095	Cyclodextrins as resveratrol carrier system. **2007**, 104, 39-44	127
1094	Isolation and purification of antioxidative isomeric polyphenols from the roots of Parthenocissus laetevirens by counter-current chromatography. **2007**, 1151, 175-9	25
1093	Synthesis of new phenolic fatty acid esters and their evaluation as lipophilic antioxidants in an oil matrix. **2007**, 105, 657-665	78
1092	Nutraceuticals: facts and fiction. **2007**, 68, 2986-3008	581
1091	Molecular modeling study of beta-cyclodextrin complexes with (+)-catechin and (-)-epicatechin. **2007**, 26, 420-8	64
1090	Simultaneous determination of six major stilbenes and flavonoids in Smilax china by high performance liquid chromatography. **2007**, 44, 737-42	45
1089	Vibrational spectroscopy of resveratrol. **2007**, 68, 669-79	35
1088	Analysis of phenolic compounds in rhubarbs using liquid chromatography coupled with electrospray ionization mass spectrometry. **2007**, 18, 82-91	178
1087	Quantitation of trans-resveratrol and detection of its metabolites in human plasma and urine by high performance liquid chromatography. **2007**, 848, 182-7	148
1086	An effective sample preparation approach for screening the anticancer compound piceatannol using HPLC coupled with UV and fluorescence detection. **2007**, 853, 175-82	32
1085	Sensitization of TRAIL-resistant LNCaP cells by resveratrol (3, 4', 5 tri-hydroxystilbene): molecular mechanisms and therapeutic potential. **2007**, 2, 7	68
1084	Resveratrol sensitizes androgen independent prostate cancer cells to death-receptor mediated apoptosis through multiple mechanisms. **2007**, 67, 1641-53	58
1083	Post-transcriptional regulation of melanin biosynthetic enzymes by cAMP and resveratrol in human melanocytes. **2007**, 127, 2216-27	82
1082	Optimization of trans-resveratrol concentration and sensory properties of peanut kernels by slicing and ultrasound treatment, using response surface methodology. **2007**, 72, S450-62	14
1081	Prevention of Ultraviolet-B Radiation Damage by Resveratrol in Mouse Skin Is Mediated via Modulation in Survivin¶. **2007**, 81, 25-31	6

1080	Inhibitory mechanisms of resveratrol in platelet activation: pivotal roles of p38 MAPK and NO/cyclic GMP. **2007**, 139, 475-85	96
1079	Less-known botanical cosmeceuticals. **2007**, 20, 330-42	64
1078	Effect of wine phenolics on cytokine-induced C-reactive protein expression. **2007**, 5, 1309-17	21
1077	Elevated gadd153/chop expression during resveratrol-induced apoptosis in human colon cancer cells. **2007**, 73, 68-76	58
1076	Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults. **2007**, 73, 550-60	166
1075	Ins and outs of dietary phytochemicals in cancer chemoprevention. **2007**, 74, 533-44	266
1074	De novo ceramide biosynthesis is associated with resveratrol-induced inhibition of ornithine decarboxylase activity. **2007**, 74, 281-9	25
1073	Resveratrol-induced apoptosis in human T-cell acute lymphoblastic leukaemia MOLT-4 cells. **2007**, 74, 1568-74	94
1072	Effects of resveratrol, a grape polyphenol, on catecholamine secretion and synthesis in cultured bovine adrenal medullary cells. **2007**, 74, 1608-18	23
1071	Antimicrobial and cytotoxic knotwood extracts and related pure compounds and their effects on food-associated microorganisms. **2007**, 115, 235-43	86
1070	Resveratrol does not ameliorate muscle wasting in different types of cancer cachexia models. **2007**, 26, 239-44	36
1069	Resveratrol enhances insulin secretion by blocking K(ATP) and K(V) channels of beta cells. **2007**, 568, 269-77	94
1068	Resveratrol enhances proliferation and osteoblastic differentiation in human mesenchymal stem cells via ER-dependent ERK1/2 activation. **2007**, 14, 806-14	163
1067	Impact of atmospheric ozone-enrichment on quality-related attributes of tomato fruit. **2007**, 45, 317-325	116
1066	Effects of resveratrol on lifespan in Drosophila melanogaster and Caenorhabditis elegans. **2007**, 128, 546-52	358
1065	Pancreatic cancer: pathogenesis, prevention and treatment. **2007**, 224, 326-36	85
1064	Resveratrol: a review of preclinical studies for human cancer prevention. **2007**, 224, 274-83	541
1063	Tracking the dephosphorylation of resveratrol triphosphate in skin by confocal Raman microscopy. **2007**, 123, 141-7	38

1062	Evidence for a trade-off between survival and fitness caused by resveratrol treatment of Caenorhabditis elegans. **2007**, 1100, 530-42	127
1061	NF-kappaB as a potential molecular target for cancer therapy. **2007**, 29, 19-35	212
1060	Enhanced anti-proliferative effects of combinatorial treatment of delta-tocopherol and resveratrol in human HMC-1 cells. **2007**, 30, 67-77	14
1059	Precursor-directed biosynthesis of stilbene methyl ethers in Escherichia coli. **2007**, 2, 1286-93	49
1058	Crosstalk between apoptosis and antioxidants in melanoma vasculogenic mimicry. **2007**, 601, 145-53	6
1057	A Ramberg-Bäcklund route to the stilbenoid anti-cancer agents combretastatin A-4 and DMU-212. **2007**, 1617-9	29
1056	Determination by LC of Polyphenols in Italian Red Wine. **2007**, 65, 367-371	17
1055	Determination of (E)-3,5,4?-Trimethoxystilbene in Rat Plasma by LC with ESI-MS. **2007**, 66, 251-255	1
1054	Determination of resveratrol in wine by photochemically induced second-derivative fluorescence coupled with liquid-liquid extraction. **2007**, 387, 1999-2007	38
1053	Study of the changes of trans-resveratrol caused by ultraviolet light and determination of trans- and cis-resveratrol in Spanish white wines. **2007**, 225, 789-796	37
1052	Vaticanol C, a novel resveratrol tetramer, reduces lymph node and lung metastases of mouse mammary carcinoma carrying p53 mutation. **2007**, 60, 681-91	33
1051	Resveratrol-induced mitochondrial dysfunction and apoptosis are associated with Ca2+ and mCICR-mediated MPT activation in HepG2 cells. **2007**, 302, 99-109	53
1050	Molecular mechanisms of resveratrol (3,4,5-trihydroxy-trans-stilbene) and its interaction with TNF-related apoptosis inducing ligand (TRAIL) in androgen-insensitive prostate cancer cells. **2007**, 304, 273-85	90
1049	Resveratrol inhibits cell growth and induces apoptosis of rat C6 glioma cells. **2007**, 81, 231-40	38
1048	Effect of resveratrol on antioxidant enzyme activities in the brain of healthy rat. **2007**, 32, 981-7	154
1047	Effects of resveratrol in inflammatory arthritis. **2007**, 30, 1-6	194
1046	Resveratrol in cell fate decisions. **2007**, 39, 59-63	56
1045	Synthesis and Crystal Structure of 4,6-dihydroxy-2-[2-(4-hydroxy-phenyl)-vinyl]-benzene-1,3-dicarbaldehyde. **2007**, 37, 739-742	8

1044	Transport of a cancer chemopreventive polyphenol, resveratrol: interaction with serum albumin and hemoglobin. **2007**, 17, 580-7	96
1043	Wine and other alcohol consumption and risk of ovarian cancer in the California Teachers Study cohort. **2007**, 18, 91-103	35
1042	trans-Resveratrol induces apoptosis in human breast cancer cells MCF-7 by the activation of MAP kinases pathways. **2007**, 2, 295-305	80
1041	Combinatorial chemistry in cancer research. **2007**, 9, 83-92	6
1040	Resveratrol inhibits the secretion of vascular endothelial growth factor and subsequent proliferation in human leukemia U937 cells. **2007**, 27, 508-12	13
1039	Protective effects of resveratrol on ethanol-induced apoptosis in embryonic stem cells and disruption of embryonic development in mouse blastocysts. **2007**, 242, 109-22	60
1038	Prokaryotic expression, polyclonal antibody preparation of the stilbene synthase gene from grape berry and its different expression in fruit development and under heat acclimation. **2008**, 46, 1085-92	21
1037	Resveratrol attenuates ventricular arrhythmias and improves the long-term survival in rats with myocardial infarction. **2008**, 22, 479-85	51
1036	The impact of aqueous solubility and dose on the pharmacokinetic profiles of resveratrol. **2008**, 25, 2593-600	162
1035	Phytoestrogens as natural prodrugs in cancer prevention: a novel concept. **2008**, 7, 431-443	19
1034	Protective effects of resveratrol on hydrogen peroxide induced toxicity in primary cortical astrocyte cultures. **2008**, 33, 8-15	58
1033	Agrobacterium-mediated genetic transformation of grapevine (Vitis vinifera L.) with a novel stilbene synthase gene from Chinese wild Vitis pseudoreticulata. **2008**, 92, 197-206	64
1032	Leucoanthocyanidin dioxygenase gene (PpLDOX): a potential functional marker for cold storage browning in peach. **2008**, 4, 543-554	32
1031	Antioxidant activities of phlorotannins isolated from Japanese Laminariaceae. **2008**, 20, 705-711	209
1030	Nuclear receptors, intestinal architecture and colon cancer: an intriguing link. **2008**, 65, 1523-43	47
1029	Biological and potential therapeutic roles of sirtuin deacetylases. **2008**, 65, 4000-18	119
1028	Evolution of trans- and cis-resveratrol content in red grapes (Vitis vinifera L. cv Menca, Albarello and Merenzao) during ripening. **2008**, 227, 667-674	28
1027	Application of pulsed electric fields for improving the maceration process during vinification of red wine: influence of grape variety. **2008**, 227, 1099-1107	73

1026	Design of aging intervention studies: the NIA interventions testing program. **2008**, 30, 187-99	103
1025	Resveratrol induces apoptosis in human osteosarcoma MG63 cells. **2008**, 5, 361-366	0
1024	Induction of apoptosis by a stilbene analog involves Bax translocation regulated by p38 MAPK and Akt. **2008**, 31, 438-44	8
1023	Induction of p27(kip1) by 2,4,3',5'- tetramethoxystilbene is regulated by protein phosphatase 2A-dependent Akt dephosphorylation in PC-3 prostate cancer cells. **2008**, 31, 1187-94	8
1022	Effects of salicylic acid (SA), ultraviolet radiation (UV-B and UV-C) on trans-resveratrol inducement in the skin of harvested grape berries. **2008**, 2, 77-81	13
1021	Synthesis and cytotoxic activity of resveratrol-based compounds. **2008**, 139, 575-578	2
1020	Localization of stilbene synthase in Vitis vinifera L. during berry development. **2008**, 233, 83-93	47
1019	Glukosestoffwechsel und Tumorwachstum. **2008**, 14, 22-30	2
1018	Radiosensitization of melanoma cells through combined inhibition of protein regulators of cell survival. **2008**, 13, 790-802	63
1017	Resveratrol attenuates inflammation and stricture formation in experimental caustic esophageal burns. **2008**, 24, 425-30	12
1016	Resveratrol inhibits nonalcoholic fatty liver disease in rats. **2008**, 8, 40	156
1015	Collisionally induced fragmentation of [M-H](-) species of resveratrol and piceatannol investigated by deuterium labelling and accurate mass measurements. **2008**, 22, 3867-72	29
1014	Metabolism and disposition of resveratrol in the isolated perfused rat liver: role of Mrp2 in the biliary excretion of glucuronides. **2008**, 97, 1615-28	46
1013	Thiomethylstilbenes as inhibitors of CYP1A1, CYP1A2 and CYP1B1 activities. **2008**, 52 Suppl 1, S77-83	13
1012	Fractionation of polyphenol-enriched apple juice extracts to identify constituents with cancer chemopreventive potential. **2008**, 52 Suppl 1, S28-44	10
1011	Pterostilbene is equally potent as resveratrol in inhibiting 12-O-tetradecanoylphorbol-13-acetate activated NFkappaB, AP-1, COX-2, and iNOS in mouse epidermis. **2008**, 52 Suppl 1, S62-70	39
1010	Stacking interaction study of trans-resveratrol (trans-3,5,4'-trihydroxystilbene) in solution by Nuclear Magnetic Resonance and Fourier Transform Infrared Spectroscopy. **2008**, 46, 625-9	17
1009	Antitumor activity of 3,5,4'-trimethoxystilbene in COLO 205 cells and xenografts in SCID mice. **2008** , 47, 184-96	53

1008	Resveratrol and X rays affect gap junction intercellular communications in human glioblastoma cells. **2008**, 47, 587-98	28
1007	Resveratrol directly targets COX-2 to inhibit carcinogenesis. **2008**, 47, 797-805	135
1006	The stereoselective synthesis of e-1,2-bis(3-indolizinyl)ethylenes by the reactions of 3-thioformylindolizines with n-tributylphosphine. **2008**, 45, 1311-1314	3
1005	Antiproliferative agents that interfere with the cell cycle at the G1-->S transition: further development and characterization of a small library of stilbene-derived compounds. **2008**, 3, 345-55	8
1004	The resveratrol analogue 3,5,3',4',5'-pentahydroxy-trans-stilbene inhibits cell transformation via MEK. **2008**, 123, 2487-96	24
1003	Resveratrol: one molecule, many targets. **2008**, 60, 323-32	275
1002	Resveratrol and trimethylated resveratrol protect from acute liver damage induced by CCl4 in the rat. **2008**, 28, 147-55	75
1001	The antioxidant resveratrol protects against chondrocyte apoptosis via effects on mitochondrial polarization and ATP production. **2008**, 58, 2786-97	95
1000	High performance liquid chromatographic method for the determination and pharmacokinetic studies of oxyresveratrol and resveratrol in rat plasma after oral administration of Smilax china extract. **2008**, 22, 421-7	30
999	Synthesis of resveratrol analogues, and evaluation of their cytotoxic and xanthine oxidase inhibitory activities. **2008**, 5, 636-42	13
998	Cytotoxicity of new stilbenoids from Pholidota chinensis and their spin-labeled derivatives. **2008**, 5, 1803-10	15
997	Measurement and correlation of solubility of trans-resveratrol in 11 solvents at T= (278.2, 288.2, 298.2, 308.2, and 318.2) K. **2008**, 40, 735-738	29
996	Theoretical study on the vibrational spectra of methoxy- and formyl-dihydroxy-trans-stilbenes and their hydrolytic equilibria. **2008**, 69, 542-58	8
995	Content of trans- and cis-resveratrol in Galician white and red wines. **2008**, 21, 608-613	36
994	Metabolic engineering for plant natural product biosynthesis in microbes. **2008**, 19, 597-605	159
993	Selective COX-2 inhibitors. Part 2: synthesis and biological evaluation of 4-benzylideneamino- and 4-phenyliminomethyl-benzenesulfonamides. **2008**, 16, 2697-706	23
992	Benzanilides with spasmolytic activity: chemistry, pharmacology, and SAR. **2008**, 16, 5974-81	12
991	Design, synthesis and spectroscopic studies of resveratrol aliphatic acid ligands of human serum albumin. **2008**, 16, 6406-14	51

990	Derivatives of 1,4-bis(3-hydroxycarbonyl-4-hydroxyl)styrylbenzene as PTP1B inhibitors with hypoglycemic activity. **2008**, 16, 8643-52	14
989	The design, synthesis, and anti-tumor mechanism study of N-phosphoryl amino acid modified resveratrol analogues. **2008**, 16, 10013-21	32
988	Antioxidant properties of resveratrol and piceid on lipid peroxidation in micelles and monolamellar liposomes. **2008**, 135, 76-83	127
987	A comparison of solid-phase microextraction and stir bar sorptive extraction coupled to liquid chromatography for the rapid analysis of resveratrol isomers in wines, musts and fruit juices. **2008**, 611, 119-25	39
986	Determination of stilbenes in Sicilian pistachio by high-performance liquid chromatographic diode array (HPLC-DAD/FLD) and evaluation of eventually mycotoxin contamination. **2008**, 107, 483-488	36
985	Rapid, simple and sensitive determination of the apparent formation constants of trans-resveratrol complexes with natural cyclodextrins in aqueous medium using HPLC. **2008**, 109, 868-75	59
984	Classification of Marsala wines according to their polyphenol, carbohydrate and heavy metal levels using canonical discriminant analysis. **2008**, 110, 729-734	35
983	Complexation of resveratrol by native and modified cyclodextrins: Determination of complexation constant by enzymatic, solubility and fluorimetric assays. **2008**, 111, 262-267	53
982	One-pot hydrosilylationâ€protodesilylation of functionalized diarylalkynes: a highly selective access to Z-stilbenes. Application to the synthesis of combretastatin A-4. **2008**, 49, 1107-1110	61
981	Stabilization and encapsulation of photosensitive resveratrol within yeast cell. **2008**, 349, 83-93	136
980	Effect of resveratrol incorporated in liposomes on proliferation and UV-B protection of cells. **2008**, 363, 183-91	174
979	LC Quantification of RT-B: The Active Metabolite of a New Resveratrol Derivative RT-A in Rat Plasma. **2008**, 68, 333-338	
978	Determination of trans-Resveratrol in Bio-Matrices for in Vitro, ex Vivo, and in Vivo Pharmacokinetic Studies by LC Spectrometric Analysis. **2008**, 68, 1013-1019	2
977	Cancer chemoprevention through dietary antioxidants: progress and promise. **2008**, 10, 475-510	450
976	ORAC-fluorescein assay to determine the oxygen radical absorbance capacity of resveratrol complexed in cyclodextrins. **2008**, 56, 2254-9	65
975	FTIR spectroscopic studies of interactions of stilbenes with silicon dioxide. **2008**, 44, 352-357	10
974	Combinatorial biosynthesis of non-bacterial and unnatural flavonoids, stilbenoids and curcuminoids by microorganisms. **2008**, 61, 709-28	41
973	Resveratrol is an effective inducer of CArG-driven TNF-alpha gene therapy. **2008**, 15, 133-9	37

972	Potential of resveratrol in anticancer and anti-inflammatory therapy. **2008**, 66, 445-54	212
971	Resveratrol and novel potent activators of SIRT1: effects on aging and age-related diseases. **2008**, 66, 591-6	125
970	Influence of pressing method on juice stilbene content in muscadine and bunch grapes. **2008**, 73, H58-62	18
969	Synthesis of new antioxidant conjugates and their in vitro hydrolysis with Stratum corneum enzymes. **2008**, 30, 195-204	12
968	Factors influencing the relation between alcohol and mortality â with focus on wine. **2008**, 250, 291-308	1
967	Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression. **2008**, 314, 1163-76	94
966	Esophageal cancer risk by type of alcohol drinking and smoking: a case-control study in Spain. **2008**, 8, 221	51
965	Resveratrol-induced apoptosis in human breast cancer cells is mediated primarily through the caspase-3-dependent pathway. **2008**, 39, 162-8	50
964	Resveratrol reverses hydrogen peroxide-induced proliferative effects in human coronary smooth muscle cells: a novel signaling mechanism. **2008**, 39, 155-61	22
963	A possible link between resveratrol and TGF-beta: resveratrol induction of TGF-beta expression and signaling. **2008**, 582, 586-90	26
962	Prevention of estrogen-DNA adduct formation in MCF-10F cells by resveratrol. **2008**, 45, 136-45	54
961	Action of resveratrol alone or in combination with roscovitine, a CDK inhibitor, on cell cycle progression in human HL-60 leukemia cells. **2008**, 76, 1554-62	17
960	Effects of resveratrol and its derivatives on lipopolysaccharide-induced microglial activation and their structure-activity relationships. **2008**, 174, 51-9	64
959	Effects of resveratrol on calcium regulation in rats with severe acute pancreatitis. **2008**, 580, 271-6	31
958	Grape cane waste as a source of trans-resveratrol and trans-viniferin: High-value phytochemicals with medicinal and anti-phytopathogenic applications. **2008**, 27, 335-340	91
957	Resveratrol enhances GLUT-4 translocation to the caveolar lipid raft fractions through AMPK/Akt/eNOS signalling pathway in diabetic myocardium. **2008**, 12, 2350-61	123
956	Tissue distribution and excretion of resveratrol in rat after oral administration of Polygonum cuspidatum extract (PCE). **2008**, 15, 859-66	32
955	Nutritional factors and polyamine metabolism in colorectal cancer. **2008**, 24, 382-9	42

954	Determination of phenolic compounds and ascorbic acid in different fractions of tomato by capillary electrophoresis with electrochemical detection. **2008**, 56, 1838-44	64
953	Interaction of beta-lactoglobulin with resveratrol and its biological implications. **2008**, 9, 50-6	382
952	Ultrasound mediates the release of curcumin from microemulsions. **2008**, 24, 1707-13	41
951	Beneficial effects of resveratrol on atherosclerosis. **2008**, 11, 610-4	87
950	Pro-survival effects of repetitive low-grade oxidative stress are inhibited by simultaneous exposure to Resveratrol. **2008**, 58, 281-9	10
949	Yeast cell factories for fine chemical and API production. **2008**, 7, 25	86
948	Change in histone H3 phosphorylation, MAP kinase p38, SIR 2 and p53 expression by resveratrol in preventing streptozotocin induced type I diabetic nephropathy. **2008**, 42, 397-404	63
947	Red wine polyphenols for cancer prevention. **2008**, 9, 842-53	49
946	Modulatory effects of polyphenols on apoptosis induction: relevance for cancer prevention. **2008**, 9, 213-28	86
945	Aggregation state and pKa values of (E)-resveratrol as determined by fluorescence spectroscopy and UV-visible absorption. **2008**, 56, 7600-5	82
944	Soy isoflavone genistein in prevention and treatment of prostate cancer. **2008**, 11, 6-12	93
943	Mild Stress and Healthy Aging. **2008**,	20
942	Grapes and human health: a perspective. **2008**, 56, 6777-84	137
941	Surface-Enhanced Raman Scattering Spectroscopy of Resveratrol. **2008**, 61, 921	10
940	A review of complementary and alternative approaches to immunomodulation. **2008**, 23, 49-62	74
939	Nrf2 as a master redox switch in turning on the cellular signaling involved in the induction of cytoprotective genes by some chemopreventive phytochemicals. **2008**, 74, 1526-39	621
938	Sensitization of Cancer Cells for Chemo/Immuno/Radio-therapy. **2008**,	2
937	Applications and opportunities for ultrasound assisted extraction in the food industry âA review. **2008**, 9, 161-169	887

936	Effects of pulsed electric fields on the extraction of phenolic compounds during the fermentation of must of Tempranillo grapes. **2008**, 9, 477-482	130
935	RETRACTED: Resveratrol induces apoptosis involving mitochondrial pathways in mouse skin tumorigenesis. **2008**, 82, 348-58	80
934	Enhanced inhibition of adipogenesis and induction of apoptosis in 3T3-L1 adipocytes with combinations of resveratrol and quercetin. **2008**, 82, 1032-9	199
933	Phytoestrogens oestrogen synthesis and breast cancer. **2008**, 108, 186-95	37
932	Resveratrol and its analogs: defense against cancer, coronary disease and neurodegenerative maladies or just a fad?. **2008**, 658, 68-94	341
931	RV09, a novel resveratrol analogue, inhibits NO and TNF-alpha production by LPS-activated microglia. **2008**, 8, 1074-82	50
930	Patterns of alcohol (especially wine) consumption and breast cancer risk: a case-control study among a population in Southern France. **2008**, 18, 467-75	29
929	Grape seed and red wine polyphenol extracts inhibit cellular cholesterol uptake, cell proliferation, and 5-lipoxygenase activity. **2008**, 28, 842-50	82
928	Antinociceptive effect of resveratrol in carrageenan-evoked hyperalgesia in rats: prolonged effect related to COX-2 expression impairment. **2008**, 140, 274-283	45
927	Antiproliferative activities of resveratrol and related compounds in human hepatocyte derived HepG2 cells are associated with biochemical cell disturbance revealed by fluorescence analyses. **2008**, 90, 1674-84	78
926	Clavicipitaceous endophytes: Their ability to enhance resistance of grasses to multiple stresses. **2008**, 46, 57-71	237
925	Resveratrol inhibits tumor necrosis factor-alpha-mediated matrix metalloproteinase-9 expression and invasion of human hepatocellular carcinoma cells. **2008**, 62, 366-72	61
924	Resveratrol inhibits hypoxia-induced metastasis potential enhancement by restricting hypoxia-induced factor-1 alpha expression in colon carcinoma cells. **2008**, 62, 613-21	72
923	Reversal effect of resveratrol on multidrug resistance in KBv200 cell line. **2008**, 62, 622-9	38
922	Cancer chemopreventive and therapeutic potential of resveratrol: mechanistic perspectives. **2008**, 269, 243-61	384
921	Resveratrol attenuates early pyramidal neuron excitability impairment and death in acute rat hippocampal slices caused by oxygen-glucose deprivation. **2008**, 212, 44-52	55
920	Resveratrol modulates roscovitine-mediated cell cycle arrest of human MCF-7 breast cancer cells. **2008**, 46, 1327-33	20
919	Inhibition of acrylamide toxicity in mice by three dietary constituents. **2008**, 56, 6054-60	32

918	Resveratrol imparts photoprotection of normal cells and enhances the efficacy of radiation therapy in cancer cells. **2008**, 84, 415-21	45
917	Effects of resveratrol on the pharmacokinetics of diltiazem and its major metabolite, desacetyldiltiazem, in rats. **2008**, 26, 269-75	28
916	Resveratrol: a natural compound with pharmacological potential in neurodegenerative diseases. **2008**, 14, 234-47	102
915	Stilbenoids: Chemistry and bioactivities. **2008**, 34, 453-646	51
914	alphavbeta3 Integrin-dependent antiangiogenic activity of resveratrol stereoisomers. **2008**, 7, 3761-70	33
913	Effect of methyl substitution on the antioxidative property and genotoxicity of resveratrol. **2008**, 21, 282-7	35
912	Novel process of fermenting black soybean [Glycine max (L.) Merrill] yogurt with dramatically reduced flatulence-causing oligosaccharides but enriched soy phytoalexins. **2008**, 56, 10078-84	21
911	Induction of apoptosis in Jeko-1 mantle cell lymphoma cell line by resveratrol: a proteomic analysis. **2008**, 7, 2670-80	19
910	Identification and Quantification of Trans-Resveratrol in Dietary Supplements by a Rapid and Straightforward RP-HPLC Method. **2008**, 31, 2089-2100	5
909	Selective growth inhibition of human leukemia and human lymphoblastoid cells by resveratrol via cell cycle arrest and apoptosis induction. **2008**, 56, 7572-7	38
908	Nutritionally improved agricultural crops. **2008**, 147, 939-53	136
907	Resveratrol modulates DNA double-strand break repair pathways in an ATM/ATR-p53- and -Nbs1-dependent manner. **2008**, 29, 519-27	44
906	Efficient calculation of molecular properties from simulation using kernel molecular dynamics. **2008**, 48, 1626-37	5
905	Stilbene oligomers from Parthenocissus laetevirens: isolation, biomimetic synthesis, absolute configuration, and implication of antioxidative defense system in the plant. **2008**, 73, 5233-41	79
904	Resveratrol inhibits PDGF receptor mitogenic signaling in mesangial cells: role of PTP1B. **2008**, 22, 3469-82	33
903	Resveratrol ameliorates Serratia marcescens-induced acute pneumonia in rats. **2008**, 83, 1028-37	32
902	Lipoxygenases, Apoptosis, and the Role of Antioxidants. **2008**, 321-332	3
901	Potential and Representatives for Application of Environmental Management System (EMS) to Food Industries. **2008**, 3-38	3

900	Skin Cancer Prevention. **2008**, 239-289	
899	Integrative medicine in gastrointestinal disease: evaluating the evidence. **2008**, 2, 261-80	8
898	Moderate wine consumption in the prevention of metabolic syndrome and its related medical complications. **2008**, 8, 89-98	39
897	Novel resveratrol analogs induce apoptosis and cause cell cycle arrest in HT29 human colon cancer cells: Inhibition of ribonucleotide reductase activity. **2008**,	1
896	ERK1/2 activation is required for resveratrol-induced apoptosis in MDA-MB-231 cells. **2008**,	4
895	Influence of phenolic constituents from Yucca schidigera bark on arachidonate metabolism in vitro. **2008**, 56, 8885-90	12
894	NF-kappaB in carcinoma therapy and prevention. **2008**, 12, 1109-22	80
893	A stress-inducible resveratrol O-methyltransferase involved in the biosynthesis of pterostilbene in grapevine. **2008**, 148, 1630-9	136
892	Vitamin E analog alpha-TEA, methylseleninic acid, and trans-resveratrol in combination synergistically inhibit human breast cancer cell growth. **2008**, 60, 401-11	10
891	Resveratrol prevents estrogen-DNA adduct formation and neoplastic transformation in MCF-10F cells. **2008**, 1, 135-45	90
890	Trans- and cis-resveratrol concentration in wines produced in Serbia. **2008**, 73, 1027-1037	8
889	SIRT1, a longevity gene, downregulates angiotensin II type 1 receptor expression in vascular smooth muscle cells. **2008**, 28, 1263-9	170
888	Resveratrol-induced apoptosis depends on the lipid kinase activity of Vps34 and on the formation of autophagolysosomes. **2008**, 29, 381-9	90
887	Differential effects of resveratrol on androgen-responsive LNCaP human prostate cancer cells in vitro and in vivo. **2008**, 29, 2001-10	84
886	Comparison of phenolic compounds of rhubarbs in the section deserticola with Rheum palmatum by HPLC-DAD-ESI-MSn. **2008**, 74, 873-9	27
885	Natural polyphenols facilitate elimination of HT-29 colorectal cancer xenografts by chemoradiotherapy: a Bcl-2- and superoxide dismutase 2-dependent mechanism. **2008**, 7, 3330-42	71
884	Resveratrol (trans-resveratrol, 3,5,4'-trihydroxy-trans-stilbene) glucuronidation exhibits atypical enzyme kinetics in various protein sources. **2008**, 36, 322-30	38
883	Resveratrol displays converse dose-related effects on 5-fluorouracil-evoked colon cancer cell apoptosis: the roles of caspase-6 and p53. **2008**, 7, 1305-12	49

882	Take a break--resveratrol in action on DNA. **2008**, 29, 321-32	67
881	Mechanisms of cancer chemopreventive agents: a perspective. **2008**, 74, 1644-50	19
880	Resveratrol from red grapes - pedestrian polyphenol or useful anticancer agent?. **2008**, 74, 1651-5	28
879	Biological/chemopreventive activity of stilbenes and their effect on colon cancer. **2008**, 74, 1635-43	83
878	Postharvest enhancement of bioactive compounds in fresh produce using abiotic stresses. **2008**, 431-448	
877	Resveratrol and ischemic preconditioning in the brain. **2008**, 15, 1545-51	89
876	Resveratrol: a multitargeted agent for age-associated chronic diseases. **2008**, 7, 1020-35	427
875	Association of NRH:quinone oxidoreductase 2 gene promoter polymorphism with higher gene expression and increased susceptibility to Parkinson's disease. **2008**, 63, 127-34	28
874	In vitro antiviral activity of resveratrol against respiratory viruses. **2008**, 20, 393-4	13
873	Aging and anti-aging: Unexpected side effects of everyday medication through sirtuin1 modulation. **2008**,	2
872	Synthesis of Aminoalkyl Phosphonate Derivatives of Resveratrol as Potential Antitumour Agents. **2008**, 61, 472	7
871	Analysis of trans-resveratrol in grapes by micro-high performance liquid chromatography. **2008**, 24, 1019-23	7
870	Antioxidative Stress Peptides. **2008**, 213-228	
869	Apple. **2008**, 1-52	2
868	Beneficial effects of phenolic compounds from fruit and vegetables in neurodegenerative diseases. **2008**, 145-181	
867	Challenges for research on polyphenols from foods in Alzheimer's disease: bioavailability, metabolism, and cellular and molecular mechanisms. **2008**, 56, 4855-73	337
866	Trans-resveratrol inhibits early blood vessel formation (vasculogenesis) without impairment of embryonic growth. **2008**, 107, 118-27	7
865	Adsorptive Voltammetric Behaviors of Resveratrol at Graphite Electrode and its Determination in Tablet Dosage Form. **2008**, 55, 264-270	13

864	Resveratrol in Wine (I). **2008**, 103, 670-685	
863	The action of resveratrol, a phytoestrogen found in grapes, on the intervertebral disc. **2008**, 33, 2586-95	54
862	Distribution of major polyphenolic compounds in vine grapes of different cultivars growing in South Moravian vineyards. **2008**, 26, 182-189	18
861	Antitumor-promoting effects of polyphenolic extracts from seedless and seeded Indian grapes. **2008**, 27, 321-31	5
860	Tendril, adhesive disc and super adhesive effect of climbing plant. **2008**,	
859	Tendril, adhesive disc and super adhesive effect of climbing plant. **2008**,	1
858	Crystal structure of {[tris(1-methylbenzimidazol-2-ylmethyl)amine]- zinc(II)-salicylato perchlorate} â dimethylformamide â water (1:0.5:0.06), [C34H32N7O3Zn][ClO4] 0.5(CH3)2NCHO 0.06H2O. **2008**, 223, 114-134	
857	Chemoenzymatic Synthesis and Some Biological Properties of O-phosphoryl Derivatives of (E)-resveratrol. **2008**, 3, 1934578X0800301	2
856	What is Xenohormesis?. **2008**, 3, 152-159	22
855	. **2009**,	26
854	Antioxidant phenolic substances of Turkish red wines from different wine regions. **2009**, 14, 289-97	24
853	. **2009**,	20
852	Wine, Resveratrol and Health: A Review. **2009**, 4, 1934578X0900400	45
851	Acylphloroglucinol Derivatives from Hops as Anti-inflammatory Agents. **2009**, 753-757	1
850	Bioactivity of Grape Chemicals for Human Health. **2009**, 4, 1934578X0900400	18
849	Prevention of ocular inflammation in endotoxin-induced uveitis with resveratrol by inhibiting oxidative damage and nuclear factor-kappaB activation. **2009**, 50, 3512-9	133
848	New lipophilic piceatannol derivatives exhibiting antioxidant activity prepared by aromatic hydroxylation with 2-iodoxybenzoic acid (IBX). **2009**, 14, 4669-81	19
847	Neuroprotection by radical avoidance: search for suitable agents. **2009**, 14, 5054-102	45

846	Resveratrol: An Antiaging Drug with Potential Therapeutic Applications in Treating Diseases. **2009**, 2, 194-205	19
845	Resveratrol preserves cerebrovascular density and cognitive function in aging mice. **2009**, 1, 4	87
844	Simultaneous Determination of Oxyresveratrol and Resveratrol in Rat Bile and Urine by HPLC after Oral Administration of Smilax china Extract. **2009**, 4, 1934578X0900400	2
843	At concentrations that inhibit mTOR, resveratrol suppresses cellular senescence. **2009**, 8, 1901-4	106
842	Arene-Catalyzed Lithiation. **2009**,	1
841	Anticancer and cancer chemopreventive potential of grape seed extract and other grape-based products. **2009**, 139, 1806S-12S	158
840	Efficient Total Synthesis of Piceatannol via (E)-Selective WittigâHorner Reaction. **2009**, 39, 1425-1432	17
839	Potent antioxidative activity of Vineatrol30 grapevine-shoot extract. **2009**, 73, 1831-6	25
838	The effects of resveratrol on the healing of left colonic anastomosis. **2009**, 22, 353-61	14
837	Food intake, dietary patterns, and actinic keratoses of the skin: a longitudinal study. **2009**, 89, 1246-55	17
836	The chemodiversity of wines can reveal a metabologeography expression of cooperage oak wood. **2009**, 106, 9174-9	128
835	A Rapid Method for Determination of Resveratrol in Wines by HPLC-MS. **2009**, 32, 2105-2121	13
834	Characterizing the effects of common UDP glucuronosyltransferase (UGT) 1A6 and UGT1A1 polymorphisms on cis- and trans-resveratrol glucuronidation. **2009**, 37, 1726-32	13
833	Hyaluronan-mediated CD44 interaction with p300 and SIRT1 regulates beta-catenin signaling and NFkappaB-specific transcription activity leading to MDR1 and Bcl-xL gene expression and chemoresistance in breast tumor cells. **2009**, 284, 2657-2671	143
832	Inhibition of cell proliferation by a resveratrol analog in human pancreatic and breast cancer cells. **2009**, 41, 151-60	31
831	The dietary polyphenols trans-resveratrol and curcumin selectively bind human CB1 cannabinoid receptors with nanomolar affinities and function as antagonists/inverse agonists. **2009**, 330, 31-9	17
830	Resveratrol content in seeds of peanut germplasm quantified by HPLC. **2009**, 7, 80-83	11
829	Bioavailability and Skin Bioefficacy of Vitamin C and E. **2009**, 115-138	1

828	Resveratrol as a Health and Disease Benefit Agent. **2009**, 26, 85-101	18
827	Phytochemicals as modulators of neoplastic phenotypes. **2009**, 76, 55-63	5
826	Resveratrol and neurodegenerative diseases: activation of SIRT1 as the potential pathway towards neuroprotection. **2009**, 6, 70-81	123
825	Mechanisms of resveratrol-induced platelet apoptosis. **2009**, 83, 575-85	82
824	Resveratrol: a natural polyphenol with multiple chemopreventive properties. **2009**, 10, 530-46	122
823	UV Light Stability of Cyclodextrin/Resveratrol Host - Guest Complexes and Isomer Stability at Varying pH. **2009**, 62, 921	17
822	Cathepsin L mediates resveratrol-induced autophagy and apoptotic cell death in cervical cancer cells. **2009**, 5, 451-60	121
821	Actual and potential agents and biomarkers in the treatment of cancer. **2009**, 9, 500-16	7
820	Resveratrol protects against irradiation-induced hepatic and ileal damage via its anti-oxidative activity. **2009**, 43, 1060-71	33
819	Emerging treatments in acute lymphoblastic leukemia. **2009**, 9, 19-31	21
818	Effect of resveratrol and zinc on intracellular zinc status in normal human prostate epithelial cells. **2009**, 297, C632-44	18
817	Antitumor activity of resveratrol and its sulfated metabolites against human breast cancer cells. **2009**, 75, 1227-30	64
816	Fetal Hemoglobin Inducers from the Natural World: A Novel Approach for Identification of Drugs for the Treatment of {beta}-Thalassemia and Sickle-Cell Anemia. **2009**, 6, 141-51	48
815	Inhibition of citrinin-induced apoptotic biochemical signaling in human hepatoma G2 cells by resveratrol. **2009**, 10, 3338-57	49
814	Unraveling the relationship between grapes and health. **2009**, 139, 1783S-7S	20
813	No difference between red wine or white wine consumption and breast cancer risk. **2009**, 18, 1007-10	23
812	Cancer prevention: from 1727 to milestones of the past 100 years. **2009**, 69, 5269-84	94
811	Improved antiulcer and anticancer properties of a trans-resveratrol analog in mice. **2009**, 328, 829-38	27

810	Influence of dietary resveratrol on early and late molecular markers of 1,2-dimethylhydrazine-induced colon carcinogenesis. **2009**, 25, 1169-76	33
809	Resveratrol induces senescence-like growth inhibition of U-2 OS cells associated with the instability of telomeric DNA and upregulation of BRCA1. **2009**, 130, 528-37	43
808	The isolation and mapping of a novel hydroxycinnamoyltransferase in the globe artichoke chlorogenic acid pathway. **2009**, 9, 30	71
807	The prosurvival role of autophagy in Resveratrol-induced cytotoxicity in human U251 glioma cells. **2009**, 9, 215	70
806	Red wine triggers cell death and thioredoxin reductase inhibition: effects beyond resveratrol and SIRT1. **2009**, 315, 1360-71	20
805	RETRACTED: Resveratrol augments the canonical Wnt signaling pathway in promoting osteoblastic differentiation of multipotent mesenchymal cells. **2009**, 315, 2953-62	86
804	2,3',4,4',5'-Pentamethoxy-trans-stilbene, a resveratrol derivative, is a potent inducer of apoptosis in colon cancer cells via targeting microtubules. **2009**, 78, 1224-32	31
803	Estrogenic Active Stilbene Derivatives as Anti-Cancer Agents: A DFT and QSAR Study. **2019**, 16, 560-568	
802	Advances in phytochemical delivery systems for improved anticancer activity. **2020**, 38, 107382	77
801	Delivery of synergistic polyphenol combinations using biopolymer-based systems: Advances in physicochemical properties, stability and bioavailability. **2020**, 60, 2083-2097	34
800	Modification of resveratrol via coupling six-armed PCL. **2020**, 74, 1377-1382	4
799	Chemical characterization of main bioactive constituents in Paeonia ostii seed meal and GC-MS analysis of seed oil. **2020**, 44, e13088	7
798	Phosphatidylserine modulates response to oxidative stress through hormesis and increases lifespan via DAF-16 in Caenorhabditis elegans. **2020**, 21, 231-244	11
797	Resveratrol and the Interaction between Gut Microbiota and Arterial Remodelling. **2020**, 12,	12
796	BRCA1/P53: Two strengths in cancer chemoprevention. **2020**, 1873, 188339	10
795	Anti-breast cancer activity of resveratrol encapsulated in liposomes. **2020**, 8, 27-37	25
794	Immune Th17 lymphocytes play a critical role in the multiple beneficial properties of resveratrol. **2020**, 137, 111091	11
793	miR-139-mediated NOTCH1 regulation is crucial for the inhibition of osteosarcoma progression caused by resveratrol. **2020**, 242, 117215	19

792	Control of DNA structure and function by phytochemicals/DNA interaction: Resveratrol/piceatannol induces Cu-independent, cleavage of supercoiled plasmid DNA. **2020**, 147, 212-219	5
791	An overview of sulfur-containing compounds originating from natural metabolites: Lanthionine ketimine and its analogues. **2020**, 591, 113543	2
790	Influence of pruning time and viral infection on stilbenoid levels in Pinot noir grape canes. **2020**, 100, 1741-1747	4
789	Resveratrol ameliorates the physiological, biochemical, cytogenetic, and anatomical toxicities induced by copper(II) chloride exposure in Allium cepa L. **2020**, 27, 657-667	8
788	Controlled release of resveratrol and xanthohumol via coaxial electrospinning fibers. **2020**, 31, 456-471	7
787	Current nutritional and pharmacological anti-aging interventions. **2020**, 1866, 165612	17
786	Shedding light on the interaction of polydatin and resveratrol with G-quadruplex and duplex DNA: a biophysical, computational and biological approach. **2020**, 151, 1163-1172	18
785	Resveratrol: a review of plant sources, synthesis, stability, modification and food application. **2020**, 100, 1392-1404	106
784	Targeted delivery and apoptosis induction of trans-resveratrol-ferulic acid loaded chitosan coated folic acid conjugate solid lipid nanoparticles in colon cancer cells. **2020**, 231, 115682	54
783	Bacterial Type III Polyketide Synthases. **2020**, 250-265	
782	Trans-4,4'-dihydroxystilbene ameliorates cigarette smoke-induced progression of chronic obstructive pulmonary disease via inhibiting oxidative stress and inflammatory response. **2020**, 152, 525-539	7
781	Encapsulation of a Neutral Molecule into a Cationic Clay Material: Structural Insight and Cytotoxicity of Resveratrol/Layered Double Hydroxide/BSA Nanocomposites. **2019**, 10,	10
780	Impact of Lifestyles (Diet and Exercise) on Vascular Health: Oxidative Stress and Endothelial Function. **2020**, 2020, 1496462	22
779	Resveratrol Modulates the Inflammatory Profile of Immune Responses and Circulating Endothelial Cells' (CECs') Population During Acute Whole Body Gamma Irradiation. **2020**, 11, 528400	1
778	Mechanisms of Aging and the Preventive Effects of Resveratrol on Age-Related Diseases. **2020**, 25,	18
777	Study of the controversial resveratrol that interact with the endogenous glutathione thiyl radical in cancer cells. **2020**, 54, 687-693	0
776	An overview on botrytized wines. **2020**, 35, 76-106	4
775	SIRT1-dependent effects of resveratrol and grape juice in an in vitro model of preeclampsia. **2020**, 131, 110659	6

774	Transdermal Delivery of Small-Sized Resveratrol Nanoparticles to Epidermis Using Anionic Phospholipids. **2020**, 15, 1934578X2095144	4
773	Sensing the scent of death: Modulation of microRNAs by Curcumin in gastrointestinal cancers. **2020**, 160, 105199	29
772	Natural Products Impacting DNA Methyltransferases and Histone Deacetylases. **2020**, 11, 992	14
771	Resveratrol elongates the lifespan and improves antioxidant activity in the silkworm. **2021**, 11, 374-382	3
770	Red wine and atherosclerosis: Implications for the Mediterranean diet. **2020**, 537-544	
769	Pharmacotherapeutic Botanicals for Cancer Chemoprevention. **2020**,	3
768	Seaweeds' neuroprotective potential set in vitro on a human cellular stress model. **2020**, 473, 229-238	2
767	Immunotoxicity studies of trans-resveratrol in male BCF/N mice. **2020**, 17, 194-201	1
766	Resveratrol, cancer and cancer stem cells: A review on past to future. **2020**, 3, 284-295	16
765	Concepts of nanotechnology in nanomedicine: From discovery to applications. **2020**, 171-209	2
764	Current Perspectives of the Applications of Polyphenols and Flavonoids in Cancer Therapy. **2020**, 25,	34
763	Chimeric cytochrome P450 3A4 used for in vitro prediction of food-drug interactions. **2020**, 67, 541-548	1
762	Topical nanostructured lipid carrier gel of quercetin and resveratrol: Formulation, optimization, in vitro and ex vivo study for the treatment of skin cancer. **2020**, 587, 119705	44
761	Genome-Wide Screens Reveal that Resveratrol Induces Replicative Stress in Human Cells. **2020**, 79, 846-856.e8	8
760	Intracellular monitoring of NADH release from mitochondria using a single functionalized nanowire electrode. **2020**, 11, 8771-8778	13
759	The estrogenic activity of resveratrol: a comprehensive review of and evidence and the potential for endocrine disruption. **2020**, 50, 439-462	6
758	Bioactive Compounds and Metabolites from Grapes and Red Wine in Breast Cancer Chemoprevention and Therapy. **2020**, 25,	9
757	Resveratrol Modulates Transforming Growth Factor-Beta (TGF-β) Signaling Pathway for Disease Therapy: A New Insight into Its Pharmacological Activities. **2020**, 8,	16

756	Cardioprotective effects of resveratrol following myocardial ischemia and reperfusion. **2020**, 47, 5843-5850	9
755	SIRT1-NOX4 signaling axis regulates cancer cachexia. **2020**, 217,	18
754	Supramolecular and suprabiomolecular photochemistry: a perspective overview. **2020**, 22, 23433-23463	3
753	Global ageing: challenges and perspectives. **2020**, 22, 01001	
752	The Epigenetic Link between Polyphenols, Aging and Age-Related Diseases. **2020**, 11,	21
751	Regulation of p27 and p57 Functions by Natural Polyphenols. **2020**, 10,	5
750	The Impact of Natural Dietary Compounds and Food-Borne Mycotoxins on DNA Methylation and Cancer. **2020**, 9,	3
749	Water-Soluble Glycosylated Resveratrol for Measuring Residual Dipolar Coupling in NMR. **2020**, 15, 1934578X2094723	
748	Resveratrol, Rapamycin and Metformin as Modulators of Antiviral Pathways. **2020**, 12,	4
747	Resveratrol, curcumin and gallic acid attenuate glyoxal-induced damage to rat renal cells. **2020**, 7, 1571-1577	12
746	The potential role of dietary plant ingredients against mammary cancer: a comprehensive review. **2020**, 1-26	4
745	Phenolic Compounds in Trees and Shrubs of Central Europe. **2020**, 10, 6907	6
744	Dietary molecules and experimental evidence of epigenetic influence in cancer chemoprevention: An insight. **2020**,	1
743	Resveratrol oligomer structure in Dipterocarpaceaeous plants. **2020**, 74, 619-637	3
742	Resveratrol-mediated SIRT1 activation attenuates ovalbumin-induced allergic rhinitis in mice. **2020**, 122, 156-162	6
741	Piceatannol attenuates fat accumulation and oxidative stress in steatosis-induced HepG2 cells. **2020**, 3, 92-99	11
740	Resveratrol Attenuates High Glucose-Induced Vascular Endothelial Cell Injury by Activating the E2F3 Pathway. **2020**, 2020, 6173618	8
739	Resveratrol slows the tumourigenesis of pancreatic cancer by inhibiting NFB activation. **2020**, 127, 110116	9

738	Nutraceutical Activity in Osteoarthritis Biology: A Focus on the Nutrigenomic Role. **2020**, 9,	14
737	Microemulsion composed of combination of skin beneficial oils as vehicle: Development of resveratrol-loaded microemulsion based formulations for skin care applications. **2020**, 194, 111161	17
736	Grape Cane Extracts as Multifunctional Rejuvenating Cosmetic Ingredient: Evaluation of Sirtuin Activity, Tyrosinase Inhibition and Bioavailability Potential. **2020**, 25,	14
735	Cytoprotective effects of (E)-N-(2-(3, 5-dimethoxystyryl) phenyl) furan-2-carboxamide (BK3C231) against 4-nitroquinoline 1-oxide-induced damage in CCD-18Co human colon fibroblast cells. **2020**, 15, e0223344	2
734	Products of subsp. Strain F17 and Strain H52 Are Biopreservatives for Improving Postharvest Quality of 'Red Globe' Grapes. **2020**, 8,	3
733	Use of phytochemicals for the treatment of insulin resistanceâlinked visceral and neurological disorders. **2020**, 385-438	
732	Modulation of the tumor microenvironment by natural agents: implications for cancer prevention and therapy. **2020**,	9
731	Plant natural products with anti-thyroid cancer activity. **2020**, 146, 104640	9
730	Photocatalytic Synthesis of Stilbenes via Cross-Coupling of Alkenyl Boronic Acids and Arenediazonium Tetrafluoroborate Salts. **2020**, 4, 713	3
729	Nanotechnology for angiogenesis: opportunities and challenges. **2020**, 49, 5008-5057	61
728	Effects of resveratrol on autophagy and the expression of inflammasomes in a placental trophoblast oxidative stress model. **2020**, 256, 117890	8
727	Pterostilbene complexed with cyclodextrin exerts antimicrobial and anti-inflammatory effects. **2020**, 10, 9072	11
726	Grape skin extract prevents UV irradiation induced DNA damage of normal human epidermal keratinocytes cells. **2020**, 10, 585-601	1
725	Resveratrol Enhances mRNA and siRNA Lipid Nanoparticles Primary CLL Cell Transfection. **2020**, 12,	8
724	Resveratrol inhibits the tumor migration and invasion by upregulating TET1 and reducing TIMP2/3 methylation in prostate carcinoma cells. **2020**, 80, 977-985	6
723	Electrospun Resveratrol-Loaded Polyvinylpyrrolidone/Cyclodextrin Nanofibers and Their Biomedical Applications. **2020**, 12,	16
722	Alcohol use is not a significant contributor to myelodysplastic syndromes. **2020**, 31, 549-557	3
721	Piceid Nanoparticles Stabilized by Anionic Phospholipids for Transdermal Delivery. **2020**, 15, 1934578X2092557	1

720	High-throughput screening suggests glutathione synthetase as an anti-tumor target of polydatin using human proteome chip. **2020**, 161, 1230-1239	5
719	Discovery of prenylated dihydrostilbenes in Glycyrrhiza uralensis leaves by UHPLC-MS using neutral loss scan. **2020**, 152, 112557	4
718	Protection of the Retinal Ganglion Cells: Intravitreal Injection of Resveratrol in Mouse Model of Ocular Hypertension. **2020**, 61, 13	12
717	Resveratrol Suppresses Prostate Cancer Epithelial Cell Scatter/Invasion by Targeting Inhibition of Hepatocyte Growth Factor (HGF) Secretion by Prostate Stromal Cells and Upregulation of E-cadherin by Prostate Cancer Epithelial Cells. **2020**, 21,	11
716	Physiological change and screening of differentially expressed genes of wild Chinese Vitis yeshanensis and American Vitis riparia in response to drought stress. **2020**, 266, 109140	5
715	Control of microbial biofilms: Application of natural and synthetic compounds. **2020**, 101-115	
714	Cancer prevention and treatment using combination therapy with natural compounds. **2020**, 13, 265-285	27
713	Enhancement of the cancer inhibitory effect of the bioactive food component resveratrol by nanoparticle based delivery. **2020**, 11, 3213-3226	10
712	Health Benefits and Molecular Mechanisms of Resveratrol: A Narrative Review. **2020**, 9,	86
711	Resveratrol inhibits ACHN cells via regulation of histone acetylation. **2020**, 58, 231-238	3
710	Fluorescent Imaging of Resveratrol Induced Subcellular Cysteine Up-Regulation. **2020**, 92, 6598-6603	16
709	A Brief Review of Nutraceutical Ingredients in Gastrointestinal Disorders: Evidence and Suggestions. **2020**, 21,	24
708	Resveratrol, aging, and fatigue. **2020**, 309-317	2
707	Cancer chemopreventive natural products. **2020**, 55, 273-295	0
706	Formation, characterization and properties of resveratrol-dietary fiber composites: Release behavior, bioaccessibility and long-term storage stability. **2020**, 129, 109556	2
705	Two-dimensional nanocomposite-based electrochemical sensor for rapid determination of trans-resveratrol. **2020**, 742, 140351	6
704	Vitis Species. **2020**, 1307-1337	
703	Resveratrol as Inducer of Autophagy, Pro-Survival, and Anti-Inflammatory Stimuli in Cultured Human RPE Cells. **2020**, 21,	22

702	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. **2020**,	6
701	Investigating Coculture for Resveratrol Production with C Metabolic Flux Analysis. **2020**, 68, 3466-3473	11
700	Anticancer Potential of Resveratrol, β-Lapachone and Their Analogues. **2020**, 25,	20
699	Resveratrol inhibits the virulence of Vibrio harveyi by reducing the activity of Vibrio harveyi hemolysin. **2020**, 522, 735086	0
698	Targeting the gut microbiota with resveratrol: a demonstration of novel evidence for the management of hepatic steatosis. **2020**, 81, 108363	32
697	Interactions between trans-resveratrol and CpLIP2 lipase/acyltransferase: Evidenced by fluorescence and in silico. **2020**, 318, 126482	8
696	Targeting defective pulmonary innate immunity - A new therapeutic option?. **2020**, 209, 107500	15
695	The WRKY53 transcription factor enhances stilbene synthesis and disease resistance by interacting with MYB14 and MYB15 in Chinese wild grape. **2020**, 71, 3211-3226	15
694	Perspectives of the potential implications of polyphenols in influencing the interrelationship between oxi-inflammatory stress, cellular senescence and immunosenescence during aging. **2020**, 98, 41-52	11
693	Insights on the Effects of Resveratrol and Some of Its Derivatives in Cancer and Autoimmunity: A Molecule with a Dual Activity. **2020**, 9,	19
692	Resveratrol inhibits adipocyte differentiation and cellular senescence of human bone marrow stromal stem cells. **2020**, 133, 115252	15
691	Recent advances in the combination delivery of drug for leukemia and other cancers. **2020**, 17, 213-223	11
690	Synthesis and biological evaluation of resveratrol derivatives with anti-breast cancer activity. **2020**, 353, e2000044	7
689	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. **2020**, 265, 114499	7
688	Coimmobilization and colocalization of a glycosyltransferase and a sucrose synthase greatly improves the recycling of UDP-glucose: Glycosylation of resveratrol 3-O-β-D-glucoside. **2020**, 157, 510-521	15
687	Therapeutic efficacy of thermosensitive Pluronic hydrogel for codelivery of resveratrol microspheres and cisplatin in the treatment of liver cancer ascites. **2020**, 582, 119334	12
686	Cancer Chemopreventive Potential of Epidermal Growth Factor Receptor Inhibitors from Natural Products. **2020**, 469-488	1
685	Resveratrol treatment increases mitochondrial biogenesis and improves viability of porcine germinal-vesicle stage vitrified-warmed oocytes. **2020**, 93, 37-43	14

684	DrugâDrug Cocrystals Provide Significant Improvements of Drug Properties in Treatment with Progesterone. **2020**, 20, 3053-3063	10
683	Stability testing of resveratrol and viniferin obtained from Vitis vinifera L. by various extraction methods considering the industrial viewpoint. **2020**, 10, 5564	7
682	Resveratrol in Cancer Patients: From Bench to Bedside. **2020**, 21,	32
681	Resveratrol Protects Against Hydroquinone-Induced Oxidative Threat in Retinal Pigment Epithelial Cells. **2020**, 61, 32	7
680	Natural products remodel cancer-associated fibroblasts in desmoplastic tumors. **2020**, 10, 2140-2155	12
679	Natural productâBased nanomedicine: polymeric nanoparticles as delivery cargoes of food bioactives and nutraceuticals for anticancer purposes. **2020**, 37-67	0
678	Near-Infrared Light Dual-Promoted Heterogeneous Copper Nanocatalyst for Highly Efficient Bioorthogonal Chemistry. **2020**, 14, 4178-4187	30
677	27-Hydroxycholesterol-induced EndMT acts STAT3 signaling to promote breast cancer cell migration by altering the tumor microenvironment. **2020**, 17, 88-100	6
676	Computational analysis of nuclear factor-Β and resveratrol in colorectal cancer. **2021**, 39, 2914-2922	4
675	Metabolic engineering for the production of plant therapeutic compounds. **2021**, 169-207	
674	Epidemiology of breast cancer, a paradigm of the "common soil" hypothesis. **2021**, 72, 4-10	32
673	Chemotherapeutic efficacy of curcumin and resveratrol against cancer: Chemoprevention, chemoprotection, drug synergism and clinical pharmacokinetics. **2021**, 73, 310-320	34
672	Structural Effect of Pincer Pd(II)âDNO Complexes Modified with Acylthiourea on Sizes of the In Situ Generated Pd Nanoparticles During Heck Coupling Reaction. **2021**, 151, 1633-1645	1
671	Towards resolving the enigma of the dichotomy of resveratrol: cis- and trans-resveratrol have opposite effects on TyrRS-regulated PARP1 activation. **2021**, 43, 1171-1200	10
670	Anti-oxidation properties of 2-substituted furan derivatives: A mechanistic study. **2021**, 230, 117725	5
669	Phytostilbenes as agrochemicals: biosynthesis, bioactivity, metabolic engineering and biotechnology. **2021**, 38, 1282-1329	25
668	Dietary resveratrol supplement improves carcass traits and meat quality of Pekin ducks. **2021**, 100, 100802	5
667	Detection and structural characterization of the metabolites of dihydroresveratrol in rats by liquid chromatography coupled to high-resolution tandem mass spectrometry. **2021**, 35, e8991	1

666	Effects of resveratrol supplementation on liver enzymes: A systematic review and meta-analysis of randomised controlled trials. **2021**, 75, e13692	1
665	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. **2021**, 32, 240-245	7
664	MicroRNAs as Targets of Dietary Phytochemicals in Obesity and Cancer. **2021**, 193-203	
663	Resveratrol is cytotoxic and acts synergistically with NF-Β inhibition in osteosarcoma MG-63 cells. **2021**, 17, 166-176	5
662	Polyphenols and cancer. **2021**, 239-251	
661	Recent advances in total syntheses of natural products containing the benzocycloheptane motif. **2021**, 38, 1821-1851	6
660	Oral administration of resveratrol or lactic acid bacterium improves lens elasticity. **2021**, 11, 2174	3
659	Resveratrol's Anti-Cancer Effects through the Modulation of Tumor Glucose Metabolism. **2021**, 13,	19
658	Arachis hypogaea resveratrol synthase 3 alters the expression pattern of UDP-glycosyltransferase genes in developing rice seeds. **2021**, 16, e0245446	0
657	New Highlights of Resveratrol: A Review of Properties against Ocular Diseases. **2021**, 22,	16
656	Resveratrol induces PD-L1 expression through snail-driven activation of Wnt pathway in lung cancer cells. **2021**, 147, 1101-1113	14
655	Green Nanoparticles: A Hope for Targeted Delivery of Natural Therapeuticals for the Management of Glioblastoma Multiforme (GBM). **2021**, 397-437	
654	Recently Progressed Postbiotics as Nutraceuticals. **2021**, 1,	0
653	Resveratrol. **2021**, 33-47	0
652	Delivery of Natural Agents by Means of Mesoporous Silica Nanospheres as a Promising Anticancer Strategy. **2021**, 13,	11
651	The Role of PKM2 in Metabolic Reprogramming: Insights into the Regulatory Roles of Non-Coding RNAs. **2021**, 22,	10
650	Resveratrol effects in bladder cancer: A mini review. **2021**, 44, e20200371	6
649	Nano Metal based Herbal theranostics for Cancer management: coalescing nature's boon with nanotechnological advancement. **2021**,	

648	Resveratrol, reactive oxygen species, and mesothelioma. **2021**, 465-474	
647	Effect of Dietary Phytochemicals in Obesity and Cancer. **2021**, 163-184	1
646	Resveratrol as Anti-Obesity and Anticancer Agent. **2021**, 185-208	1
645	Fruits and Vegetables in Cancer. **2021**, 201-257	
644	Targeting the cytoskeleton against metastatic dissemination. **2021**, 40, 89-140	9
643	Modulation of Autophagy in Cancer Cells by Dietary Polyphenols. **2021**, 10,	18
642	(E)-N-(2-(3, 5-Dimethoxystyryl) phenyl) furan-2-carboxamide (BK3C231) induces cytoprotection in CCD18-Co human colon fibroblast cells through Nrf2/ARE pathway activation. **2021**, 11, 4773	1
641	Resveratrol as Chemosensitizer Agent: State of Art and Future Perspectives. **2021**, 22,	6
640	Preparation and optimization of a resveratrol solid dispersion to improve the physicochemical properties and oral bioavailability of resveratrol. **2021**, 42, 605-613	1
639	The Influence of Light Wavelength on Resveratrol Content and Antioxidant Capacity in Arachis hypogaeas L.. **2021**, 11, 305	1
638	Chemoprotective effect of atorvastatin against benzo(a)pyrene-induced lung cancer via the inhibition of oxidative stress and inflammatory parameters. **2021**, 9, 355	2
637	Resveratrol and Its Analogs as Functional Foods in Periodontal Disease Management. **2021**, 2,	2
636	Resveratrol Inhibits Venezuelan Equine Encephalitis Virus Infection by Interfering with the AKT/GSK Pathway. **2021**, 10,	2
635	The Effects of Resveratrol on Prostate Cancer through Targeting the Tumor Microenvironment. **2021**, 11, 16-32	1
634	Herbal Medicine in Uterine Fibroid.	0
633	Diet-related interventions for cancer-associated cachexia. **2021**, 147, 1443-1450	4
632	Management of Glioblastoma Multiforme by Phytochemicals: Applications of Nanoparticle-Based Targeted Drug Delivery System. **2021**, 22, 429-442	3
631	Resveratrol-loaded nanomedicines for cancer applications. **2021**, 4, e1353	12

630	Regulation of Intestinal Stem Cell Stemness by the Aryl Hydrocarbon Receptor and Its Ligands. **2021**, 12, 638725	3
629	An Overview on the Conservative Management of Endometriosis from a Naturopathic Perspective: Phytochemicals and Medicinal Plants. **2021**, 10,	1
628	Effects of metformin, rapamycin, and resveratrol on cellular metabolism of canine primary fibroblast cells isolated from large and small breeds as they age. **2021**, 43, 1669-1682	
627	Anti-inflammatory effect of resveratrol attenuates the severity of diabetic neuropathy by activating the Nrf2 pathway. **2021**, 13, 10659-10671	9
626	Development of a sandwich-type rat small intestine tissue sensor for detecting resveratrol and its receptors. **2021**, 23, 13	1
625	Beneficiary and Adverse Effects of Phytoestrogens: A Potential Constituent of Plant-based Diet. **2021**, 27, 802-815	4
624	Recent Advancements on Immunomodulatory Mechanisms of Resveratrol in Tumor Microenvironment. **2021**, 26,	13
623	Distribution and metabolism of [14C]-resveratrol in human prostate tissue after oral administration of a "dietary-achievable" or "pharmacological" dose: what are the implications for anticancer activity?. **2021**, 113, 1115-1125	2
622	Effects of Quercetin and Resveratrol on Zinc Chloride- and Sodium Metavanadate-Induced Passive Avoidance Memory Retention Deficits in Male Mice. **2021**, 26, 67-74	1
621	Resveratrol enhances bone formation by modulating inflammation in the mouse periodontitis model. **2021**, 56, 735-745	6
620	Anti-DLBCL efficacy of DCZ0825 in vitro and in vivo: involvement of the PI3K-AKT-mTOR/JNK pathway. **2021**, 53, 575-583	1
619	The synergistic strategies for the immuno-oncotherapy with photothermal nanoagents. **2021**, 13, e1717	3
618	The Role of Resveratrol Administration in Human Obesity. **2021**, 22,	9
617	Microglia Specific Drug Targeting Using Natural Products for the Regulation of Redox Imbalance in Neurodegeneration. **2021**, 12, 654489	8
616	LC3B/p62-mediated mitophagy protects A549 cells from resveratrol-induced apoptosis. **2021**, 271, 119139	5
615	A Bimetallic Metal-Organic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. **2021**, 60, 12431-12437	13
614	Polyphenols as a Diet Therapy Concept for Endometriosis-Current Opinion and Future Perspectives. **2021**, 13,	4
613	Molecular insights into a mechanism of resveratrol action using hybrid computational docking/CoMFA and machine learning approach. **2021**, 1-15	3

612	A comparative study on the effects of resveratrol and oxyresveratrol against tyrosinase activity and their inhibitory mechanism. **2021**, 251, 119405	6
611	A Bimetallic MetalâOrganic Framework Encapsulated with DNAzyme for Intracellular Drug Synthesis and Self-Sufficient Gene Therapy. **2021**, 133, 12539-12545	2
610	New Hybrids Based on Curcumin and Resveratrol: Synthesis, Cytotoxicity and Antiproliferative Activity against Colorectal Cancer Cells. **2021**, 26,	5
609	Effect of pH on Isoliquiritigenin (ISL) fluorescence in lipo- polymeric system and metallic nanosystem. **2021**, 252, 119545	0
608	G3BP1 Inhibition Alleviates Intracellular Nucleic Acid-Induced Autoimmune Responses. **2021**, 206, 2453-2467	2
607	Resveratrol inhibited the metastatic behaviors of cisplatin-resistant human oral cancer cells via phosphorylation of ERK/p-38 and suppression of MMP-2/9. **2021**, 45, e13666	13
606	Solubilization of -Resveratrol in Some Mono-Solvents and Various Propylene Glycol + Water Mixtures. **2021**, 26,	1
605	Stilbene oligomers from the stems of Parthenocissus tricuspidata and their potential anti-neuroinflammatory and neuroprotective activity. **2021**, 71, 153027	1
604	Encapsulation of trans-resveratrol in poly(Ecaprolactone) by GAS antisolvent. **2021**, 171, 105164	2
603	The pleiotropic neuroprotective effects of resveratrol in cognitive decline and Alzheimer's disease pathology: From antioxidant to epigenetic therapy. **2021**, 67, 101271	37
602	Development of an UHPLC-diode arrays detector (DAD) method for the analysis of polydatin in human plasma. **2021**, 198, 113985	3
601	Exploring the binding of resveratrol to a promoter DNA sequence d(CCAATTGG) through multispectroscopic, nuclear magnetic resonance and molecular dynamics studies. **2021**, 252, 119488	1
600	Biosynthesis of Polydatin in. **2021**, 69, 5917-5925	2
599	Transdermal Delivery of Chemotherapeutics: Strategies, Requirements, and Opportunities. **2021**, 13,	7
598	Bio-based nanomaterials for cancer therapy. **2021**, 38, 101134	14
597	Polyphenols of the Mediterranean Diet and Their Metabolites in the Prevention of Colorectal Cancer. **2021**, 26,	11
596	Resveratrol enhanced mitochondrial recovery from cryopreservation-induced damages in oocytes and embryos. **2021**, 20, 419-426	2
595	Omega-Class Glutathione Transferases of Carcinogenic Liver Fluke, , Modulate Apoptosis and Differentiation of Host Cholangiocytes. **2021**, 10,	1

594	Natural COX-2 Inhibitors as Promising Anti-inflammatory Agents: An Update. **2021**, 28, 3622-3646	7
593	Supplementation with phosphatidylethanolamine confers anti-oxidant and anti-aging effects via hormesis and reduced insulin/IGF-1-like signaling in C. elegans. **2021**, 197, 111498	1
592	Therapeutic potentials of resveratrol in combination with radiotherapy and chemotherapy during glioblastoma treatment: a mechanistic review. **2021**, 21, 391	9
591	Cytotoxic and Proapoptotic Effects of Resveratrol in In Vitro Studies on Selected Types of Gastrointestinal Cancers. **2021**, 26,	2
590	Layer-by-Layer Nanoparticles of Tamoxifen and Resveratrol for Dual Drug Delivery System and Potential Triple-Negative Breast Cancer Treatment. **2021**, 13,	8
589	VqMYB154 promotes polygene expression and enhances resistance to pathogens in Chinese wild grapevine. **2021**, 8, 151	4
588	Genome-wide analysis of the Universal stress protein A gene family in Vitis and expression in response to abiotic stress. **2021**, 165, 57-70	2
587	Possible connection between diet and microRNA in cancer scenario. **2021**, 73, 4-18	0
586	Resveratrol affects the migration and apoptosis of monocytes by blocking HMGB1/NF-B pathway.. **2021**, 10, 3647-3658	0
585	Resveratrol: A Vital Therapeutic Agent with Multiple Health Benefits. **2021**,	1
584	Advances in adjunct therapy against tuberculosis: Deciphering the emerging role of phytochemicals.. **2021**, 2, 494-513	1
583	Current trends on resveratrol bioactivities to treat periodontitis. **2021**, 42, 101205	2
582	pH-sensitive dual drug loaded janus nanoparticles by oral delivery for multimodal analgesia. **2021**, 19, 235	1
581	Resveratrol and endothelial function: A literature review. **2021**, 170, 105725	13
580	The mechanisms of wine phenolic compounds for preclinical anticancer therapeutics. **2021**, 65,	1
579	Elusive partners: a review of the auxiliary proteins guiding metabolic flux in flavonoid biosynthesis. **2021**, 108, 314-329	3
578	Construction of Hierarchical-Targeting pH-Sensitive Liposomes to Reverse Chemotherapeutic Resistance of Cancer Stem-like Cells. **2021**, 13,	2
577	Role of Phytochemicals in the Treatment of Breast Cancer: Natural Swords Battling Cancer Cells. **2021**, 17, 179-196	1

576	Chemoprotective Effect of Daphnetin Against Benzene-induced Leukemia via Alteration of CYP2E1. **2021**, 1	
575	Antioxidant Activity: The Presence and Impact of Hydroxyl Groups in Small Molecules of Natural and Synthetic Origin.	3
574	STAT3 pathway as a molecular target for resveratrol in breast cancer treatment. **2021**, 21, 468	2
573	Targeting Cardiovascular Risk Factors Through Dietary Adaptations and Caloric Restriction Mimetics. **2021**, 8, 758058	4
572	Quality Response of Minimally Processed âAlphonse Lavalleâ Table Grapes During Cold Storage as Influenced by Preharvest Sustained Deficit Irrigation and Postharvest UV-C Irradiation. **2021**, 63, 141-148	0
571	Chemo-Preventive Action of Resveratrol: Suppression of p53-A Molecular Targeting Approach. **2021**, 26,	6
570	Enzymatic synthesis of resveratrol -glucoside by amylosucrase of. **2021**, 31,	0
569	Cancer Therapy Challenge: It Is Time to Look in the "St. Patrick's Well" of the Nature. **2021**, 22,	1
568	VqBGH40a isolated from Chinese wild Vitis quinquangularis degrades trans-piceid and enhances trans-resveratrol. **2021**, 310, 110989	1
567	Resveratrol for targeting the tumor microenvironment and its interactions with cancer cells. **2021**, 98, 107895	10
566	Antitumoral Action of Resveratrol Through Adenosinergic Signaling in C6 Glioma Cells. **2021**, 15, 702817	1
565	Total Synthesis of Resvebassianol A, a Metabolite of Resveratrol by. **2021**, 10,	0
564	Resveratrol reverses the cadmium-promoted migration, invasion, and epithelial-mesenchymal transition procession by regulating the expression of ZEB1. **2021**, 40, S331-S338	0
563	Wine, Polyphenols, and Mediterranean Diets. What Else Is There to Say?. **2021**, 26,	4
562	Comparative Analysis of the Antitumor Activity of Cis- and Trans-Resveratrol in Human Cancer Cells with Different p53 Status. **2021**, 26,	1
561	Anticancer effects of Traditional Chinese Medicine on epithelial-mesenchymal transition(EMT) in breast cancer: Cellular and molecular targets. **2021**, 907, 174275	5
560	Resveratrol for cancer therapy: Challenges and future perspectives. **2021**, 515, 63-72	23
559	Dietary table grape protects against ultraviolet photodamage in humans: 1. clinical evaluation. **2021**, 85, 1030-1032	0

558	Unraveling the origin of glucose mediated disparate proliferation dynamics of cancer stem cells. **2021**, 526, 110774	2
557	NaSO and NaCl salts differentially modulate the antioxidant systems in the highly stress tolerant halophyte Prosopis strombulifera. **2021**, 167, 748-762	0
556	An easy-fabricated ordered mesoporous carbon-based electrochemical sensor for the analysis of trans-resveratrol in red wines. **2021**, 129, 108203	1
555	Reconstituted HDL as a therapeutic delivery device. **2021**, 1866, 159025	3
554	Silyl resveratrol derivatives as potential therapeutic agents for neurodegenerative and neurological diseases. **2021**, 223, 113655	4
553	Natural and synthetic plant compounds as anti-biofilm agents against Escherichia coli O157:H7 biofilm. **2021**, 95, 105055	2
552	Phytochemical based sestrin2 pharmacological modulators in the treatment of adenocarcinomas. **2021**, 1, 100133	
551	Experimental and theoretical investigation of synthesized pregnenolone derivatives via palladium catalyzed cross coupling reactions, their anticancer activity against lung cancer cells. **2021**, 1245, 131115	3
550	Solubility and physicochemical properties of resveratrol in peanut oil. **2022**, 368, 130687	0
549	Unraveling the origin of Glucose mediated disparate proliferation dynamics of Cancer stem cells.	
548	Brassica Vegetables: Rich Sources of Neuroprotective Compounds. **2021**, 327-341	
547	Synergistic effects of copper and ethylene on resveratrol synthesis in peanuts. **2021**, 9, 1471-1479	0
546	Targeting mTOR and eIF4E: a feasible scenario in ovarian cancer therapy.. **2021**, 4, 596-606	1
545	Anti-Inflammatory Action and Mechanisms of Resveratrol. **2021**, 26,	41
544	Changes of health-promoting bioactive compounds and related enzymes of âHutai No.8âgrape (Vitis vinifera L.) in response to deficit irrigation. **2021**, 96, 494-507	
543	Health Functional Phytochemicals of Fruit. 269-315	1
542	Cancer Prevention by Polyphenols: Influence on Signal Transduction and Gene Expression. 285-323	3
541	Functional Foods and Nutraceuticals. 11-43	7

540	Metabolomics, Bioactives, and Cancer. 365-378	1
539	Chemoprevention of ovarian cancer. **2009**, 149, 3-34	4
538	Antioxidant activities of phlorotannins isolated from Japanese Laminariaceae. **2007**, 255-261	6
537	Developing Fruit Cultivars with Enhanced Health Properties. **2012**, 37-68	5
536	Caloric Restriction and Cancer. **2010**, 181-199	1
535	Resveratrol inhibits the expression of cyclooxygenase-2 in mammary epithelial cells. **2001**, 492, 147-57	18
534	The effects of resveratrol on CYP1A1 expression and aryl hydrocarbon receptor function in vitro. **2001**, 492, 183-93	19
533	Herbals and cancer. **2001**, 492, 195-202	2
532	Nutrition and cancer prevention: new insights into the role of phytochemicals. Future directions. **2001**, 492, 255-62	1
531	Intermediate biomarkers. **2001**, 106, 31-61	3
530	Tannins as biological antioxidants. **1999**, 66, 495-505	17
529	Stilbenes and bibenzyls with potential anticancer or chemopreventive activity. **1999**, 472, 169-86	3
528	Cancer epigenetics: an introduction. **2015**, 1238, 3-25	142
527	Lipoxygenases as Targets for Cancer Prevention. **2004**, 115-131	1
526	Characterization of Natural Product Chemopreventive Agents. **2005**, 3-37	23
525	Skin Aging and Microbiology. **2009**, 57-94	4
524	Free RadicalâMediated Damage to Brain in Alzheimerâ Disease: Role of Acrolein and Preclinical Promise of Antioxidant Polyphenols. **2010**, 417-437	1
523	Aryl Hydrocarbon Receptor-Mediated Carcinogenesis and Modulation by Dietary Xenobiotic and Natural Ligands. **2010**, 761-782	3

522	Chemical Diversity and Biological Activity of African Propolis. **2019**, 109, 415-450	1
521	Resveratrol for Cancer Prevention: Current Gaps and Opportunities. **2020**, 19-47	2
520	Pharmaceutical Technology for Improving the Bioavailability of Natural Products. **2020**, 1-32	1
519	Antifungal properties of cyanobacteria and algae: ecological and agricultural implications. **2002**, 7-32	8
518	Grapevine Stilbenes and Their Biological Effects. **2008**, 25-54	8
517	Inflammation and Anti-Inflammatory Agents â Reactive Oxygen Species and Toxicity. **2014**, 3197-3216	1
516	New Promising Chemopreventive Agents and Mechanisms. **2003**, 289-305	1
515	Pathogenesis of Diabetic Neuropathy from the Point of View of Schwann Cell Abnormalities. **2014**, 135-146	2
514	How Does Ozone Act? How and Why Can We Avoid Ozone Toxicity?. **2010**, 17-26	3
513	Fundamentals of Phytochemicals. **2019**, 49-81	3
512	Biphasic Effects of Phytochemicals and their Relevance to Cancer Therapeutics. **2020**, 197-219	1
511	Identification and Measurement of Resveratrol and Formaldehyde in Parts of White and Blue Grape Berries. **1998**, 49, 281-289	8
510	Overview of the Effects of Amount and Type of Alcohol on Morbidity and Mortality. **2005**, 425-439	1
509	Preparation and biological activity studies of resveratrol loaded ionically cross-linked chitosan-TPP nanoparticles. **2017**, 175, 170-177	53
508	Target identification and validation of natural products with label-free methodology: A critical review from 2005 to 2020. **2020**, 216, 107690	12
507	Emerging role of sirtuins in breast cancer metastasis and multidrug resistance: Implication for novel therapeutic strategies targeting sirtuins. **2020**, 158, 104880	4
506	Characterization of the Substrate Specificity of PhlD, a Type III Polyketide Synthase from Pseudomonas fluorescens. **2006**, 281, 32036-32047	2
505	Effects of Resveratrol on Acoustic Trauma. **2003**, 129, 463-470	5

504	Nutrition and cancer: the herbal revolution. **1999**, 15, 177-80	5
503	Nutrition and cancer: the herbal revolution. **1999**, 2, 421-4	20
502	Neuroprotective effect of resveratrol on rotenone-treated C57BL/6 mice. **2017**, 28, 498-505	11
501	trans-Ethyl-enedi-p-phenyl-ene diacetate. **2009**, 65, o2229	1
500	2,4-Dimeth-oxy-6-[(E)-2-(4-meth-oxy-phenyl)ethen-yl]benzaldehyde. **2013**, 69, o629	3
499	Cis Eviniferin: A New Antifungal Resveratrol Dehydrodimer from Cyphostemma crotalarioides Roots. **2000**, 148, 29-32	11
498	Chemopreventive Agent Resveratrol, a Natural Product Derived From Grapes, Triggers CD95 Signaling-Dependent Apoptosis in Human Tumor Cells. **1998**, 92, 996-1002	20
497	Induced extracellular production of stilbenes in grapevine cell culture medium by elicitation with methyl jasmonate and stevioside. **2020**, 7,	7
496	Beneficial Effects of Resveratrol. **2004**, 257-283	4
495	Resveratrol as Cardioprotective Agent. **2005**, 539-555	2
494	Resveratrol as an Angiogenesis Inhibitor. **2005**, 149-165	1
493	Anticancer Compounds of Plant Origin. **2009**,	1
492	Genetic Enhancement of Tomato Fruit Nutritive Value. **2006**, 193-238	5
491	- Biomarkers for Diet in Cancer Prevention Studies. **2016**, 130-157	1
490	Molecular Targets for Nutrients Involved with Cancer Prevention. **2001**, 41, 1-16	51
489	Alleviation of Acute Lung Injury in Rats with Sepsis by Resveratrol via the Phosphatidylinositol 3-Kinase/Nuclear Factor-Erythroid 2 Related Factor 2/Heme Oxygenase-1 (PI3K/Nrf2/HO-1) Pathway. **2018**, 24, 3604-3611	23
488	Resveratrol Reduced Liver Damage After Liver Resection in a Rat Model by Upregulating Sirtuin 1 (SIRT1) and Inhibiting the Acetylation of High Mobility Group Box 1 (HMGB1). **2019**, 25, 3212-3220	8
487	Mechanisms of resveratrol in the prevention and treatment of gastrointestinal cancer. **2020**, 8, 2425-2437	10

486	Repressive effects of resveratrol on androgen receptor transcriptional activity. **2009**, 4, e7398	30
485	Yeast biological networks unfold the interplay of antioxidants, genome and phenotype, and reveal a novel regulator of the oxidative stress response. **2010**, 5, e13606	13
484	What is new for an old molecule? Systematic review and recommendations on the use of resveratrol. **2011**, 6, e19881	327
483	Combined phytochemistry and chemotaxis assays for identification and mechanistic analysis of anti-inflammatory phytochemicals in Fallopia japonica. **2011**, 6, e27480	18
482	Resveratrol inhibits cancer cell metabolism by down regulating pyruvate kinase M2 via inhibition of mammalian target of rapamycin. **2012**, 7, e36764	65
481	Resveratrol exerts dosage and duration dependent effect on human mesenchymal stem cell development. **2012**, 7, e37162	85
480	A systematic prediction of multiple drug-target interactions from chemical, genomic, and pharmacological data. **2012**, 7, e37608	261
479	Prediction of molecular targets of cancer preventing flavonoid compounds using computational methods. **2012**, 7, e38261	26
478	Using liposomes as carriers for polyphenolic compounds: the case of trans-resveratrol. **2012**, 7, e41438	83
477	Creation of resveratrol-enriched rice for the treatment of metabolic syndrome and related diseases. **2013**, 8, e57930	50
476	Resveratrol induces long-lasting IL-8 expression and peculiar EGFR activation/distribution in human keratinocytes: mechanisms and implications for skin administration. **2013**, 8, e59632	20
475	Resveratrol inhibits β-amyloid-induced neuronal apoptosis through regulation of SIRT1-ROCK1 signaling pathway. **2013**, 8, e59888	111
474	Direct activation of ATM by resveratrol under oxidizing conditions. **2014**, 9, e97969	22
473	Pterostilbene simultaneously induced G0/G1-phase arrest and MAPK-mediated mitochondrial-derived apoptosis in human acute myeloid leukemia cell lines. **2014**, 9, e105342	38
472	Sensitization of Radioresistant Prostate Cancer Cells by Resveratrol Isolated from Arachis hypogaea Stems. **2017**, 12, e0169204	22
471	Growth-Inhibiting Activity of Resveratrol Imine Analogs on Tumor Cells In Vitro. **2017**, 12, e0170502	9
470	Phenolic extract from oleaster (Olea europaea var. Sylvestris) leaves reduces colon cancer growth and induces caspase-dependent apoptosis in colon cancer cells via the mitochondrial apoptotic pathway. **2017**, 12, e0170823	17
469	Resveratrol inhibits androgen production of human adrenocortical H295R cells by lowering CYP17 and CYP21 expression and activities. **2017**, 12, e0174224	24

468	Resveratrol Induces Glioma Cell Apoptosis through Activation of Tristetraprolin. **2015**, 38, 991-7	18
467	Food phenolics and cancer chemoprevention. **2004**, 669-680	1
466	Prevention of Ultraviolet-B Radiation Damage by Resveratrol in Mouse Skin Is Mediated via Modulation in Survivin¶. **2005**, 81, 25	101
465	Ultrastructural and proapoptotic-like effects of kaempferol in Giardia duodenalis trophozoites and bioinformatics prediction of its potential protein target. **2020**, 115, e200127	1
464	The genoprotective activity of resveratrol on permethrin-induced genotoxic damage in cultured human lymphocytes. **2013**, 56, 405-411	7
463	NS-398 upregulates constitutive cyclooxygenase-2 expression in the M-1 cortical collecting duct cell line. **1999**, 10, 2261-71	59
462	Effects of a natural polyphenol on nicotine-induced pancreatic cancer cell proliferation. **2018**, 16, 50	2
461	Validation of anti-aging drugs by treating age-related diseases. **2009**, 1, 281-8	124
460	Inhibition of mammalian S6 kinase by resveratrol suppresses autophagy. **2009**, 1, 515-28	130
459	Inhibition of S6K by resveratrol: in search of the purpose. **2009**, 1, 511-4	18
458	The journey of resveratrol from yeast to human. **2012**, 4, 146-58	122
457	Resveratrol delays postovulatory aging of mouse oocytes through activating mitophagy. **2019**, 11, 11504-11519	28
456	Resveratrol promotes osteogenesis and alleviates osteoporosis by inhibiting p53. **2020**, 12, 10359-10369	12
455	Resveratrol inhibits the malignant progression of hepatocellular carcinoma via MARCH1-induced regulation of PTEN/AKT signaling. **2020**, 12, 11717-11731	8
454	The regulation of tumor suppressor protein, p53, and estrogen receptor (ER) by resveratrol in breast cancer cells. **2016**, 7, 414-425	20
453	Biological significance and therapeutic implication of resveratrol-inhibited Wnt, Notch and STAT3 signaling in cervical cancer cells. **2014**, 5, 154-64	68
452	Tamoxifen synergizes with 4-(E)-{(4-hydroxyphenylimino)-methylbenzene, 1,2-diol} and 4-(E)-{(p-tolylimino)-methylbenzene-1,2-diol}, novel azaresveratrol analogs, in inhibiting the proliferation of breast cancer cells. **2016**, 7, 51747-51762	4
451	TriCurin, a novel formulation of curcumin, epicatechin gallate, and resveratrol, inhibits the tumorigenicity of human papillomavirus-positive head and neck squamous cell carcinoma. **2017**, 8, 60025-60035	17

450	Case-specific potentiation of glioblastoma drugs by pterostilbene. **2016**, 7, 73200-73215	13
449	Resveratrol-induced antinociception is involved in calcium channels and calcium/caffeine-sensitive pools. **2017**, 8, 9399-9409	12
448	Differential sensitivities of bladder cancer cell lines to resveratol are unrelated to its metabolic profile. **2017**, 8, 40289-40304	14
447	Resveratrol enhances polyubiquitination-mediated ARV7 degradation in prostate cancer cells. **2017** , 8, 54683-54693	10
446	Tocopherol succinate enhances pterostilbene anti-tumor activity in human breast cancer cells and. **2018**, 9, 4593-4606	15
445	Regulatory role of resveratrol, a microRNA-controlling compound, in expression, which is associated with poor prognosis in breast cancer. **2018**, 9, 24718-24730	35
444	Resveratrol prevents p53 aggregation and in breast cancer cells. **2018**, 9, 29112-29122	36
443	P62 regulates resveratrol-mediated Fas/Cav-1 complex formation and transition from autophagy to apoptosis. **2015**, 6, 789-801	38
442	Upregulation of miR-328 and inhibition of CREB-DNA-binding activity are critical for resveratrol-mediated suppression of matrix metalloproteinase-2 and subsequent metastatic ability in human osteosarcomas. **2015**, 6, 2736-53	82
441	Novel chemical library screen identifies naturally occurring plant products that specifically disrupt glioblastoma-endothelial cell interactions. **2015**, 6, 18282-92	10
440	The signaling involved in autophagy machinery in keratinocytes and therapeutic approaches for skin diseases. **2016**, 7, 50682-50697	29
439	Age Impaired endothelium-dependent vasodilation is improved by resveratrol in rat mesenteric arteries. **2016**, 20, 41-8	13
438	RGD-Conjugated Resveratrol HSA Nanoparticles as a Novel Delivery System in Ovarian Cancer Therapy. **2020**, 14, 5747-5756	4
437	Platelet Oxidative Stress and its Relationship with Cardiovascular Diseases in Type 2 Diabetes Mellitus Patients. **2019**, 26, 4145-4165	11
436	Impact of Natural Dietary Agents on Multiple Myeloma Prevention and Treatment: Molecular Insights and Potential for Clinical Translation. **2020**, 27, 187-215	10
435	Resveratrol and clinical trials: the crossroad from in vitro studies to human evidence. **2013**, 19, 6064-93	321
434	Phenolic Compounds as Nutraceuticals or Functional Food Ingredients. **2017**, 23, 2787-2806	52
433	Natural Compounds As Modulators of Non-apoptotic Cell Death in Cancer Cells. **2017**, 18, 132-155	24

432	Targeting Autophagic Pathways by Plant Natural Compounds in Cancer Treatment. **2020**, 21, 1237-1249	2
431	Resveratrol as an Adjuvant for Normal Tissues Protection and Tumor Sensitization. **2020**, 20, 130-145	33
430	Effects of Resveratrol and other Polyphenols on Sirt1: Relevance to Brain Function During Aging. **2018**, 16, 126-136	68
429	Current Drugs and Potential Future Neuroprotective Compounds for Parkinson's Disease. **2019**, 17, 295-306	32
428	Maqui (Aristotelia chilensis (Mol.) Stuntz) and murta (Ugni molinae Turcz): Native Chilean sources of polyphenol compounds.. **2019**, 16, 261-276	4
427	Recent Advances in Characterizing Natural Products that Regulate Autophagy. **2019**, 19, 2177-2196	5
426	Synthesis and Evaluation of 2-Naphthaleno trans-Stilbenes and Cyanostilbenes as Anticancer Agents. **2018**, 18, 556-564	6
425	Cytotoxic, antioxidant, and antimicrobial activities of Ampelopsis brevipedunculata and Parthenocissus tricuspidata (Vitaceae). **2008**, 60, 641-647	15
424	Effect of Cultivation Practices on Resveratrol Content in Grape Berry Skins. **2011**, 10, 249-253	3
423	BIOLOGICALLY ACTIVE COMPOUNDS OF KNOTWEED (Reynoutria spp.). **2017**, 86, 17-31	11
422	Resveratrol, an effective regulator of ovarian development and oocyte apoptosis. **2011**, 34, e374-81	17
421	Resveratrol Supported on Magnesium DiHydroxide (Resv@MDH) Represents an Oral Formulation of Resveratrol With Better Gastric Absorption and Bioavailability Respect to Pure Resveratrol. **2020** , 7, 570047	6
420	Medicinal Plant Analysis: A Historical and Regional Discussion of Emergent Complex Techniques. **2019**, 10, 1480	35
419	[Effects of resveratrol on matrix metalloproteinase-9 expression in hepatoma cells]. **2008**, 6, 270-3	11
418	[Antileukemic mechanism of resveratrol in vitro and in mice bearing L1210-tumor]. **2008**, 6, 1267-74	1
417	[Review on the methods of processing rhubarb]. **2008**, 6, 1184-9	2
416	Differential Effects of Resveratrol and its Oligomers Isolated from Seeds of Paeonia lactiflora (Peony) on Proliferation of MCF-7 and ROS 17/2.8 Cells. **2003**, 8, 356-364	2
415	Antimutagenic and Cytotoxic Effects of Hovenia dulcis Thumb Leaves Extracts. **2007**, 36, 1371-1376	4

414	Resveratrol prolongs allograft survival after liver transplantation in rats. **2005**, 11, 4745-9	29
413	Effect of resveratrol on pancreatic oxygen free radicals in rats with severe acute pancreatitis. **2006**, 12, 137-40	43
412	Resveratrol engages selective apoptotic signals in gastric adenocarcinoma cells. **2006**, 12, 5628-34	29
411	Chinese medicinal compound delisheng has satisfactory anti-tumor activity, and is associated with up-regulation of endostatin in human hepatocellular carcinoma cell line HepG2 in three-dimensional culture. **2007**, 13, 5432-9	14
410	1,3-Bis(2-chloroethyl)-1-nitrosourea enhances the inhibitory effect of resveratrol on 5-fluorouracil sensitive/resistant colon cancer cells. **2013**, 19, 7374-88	24
409	Anti-hepatoma activity of resveratrol in vitro. **2002**, 8, 79-81	41
408	Pancreatic Cancer Suppression by Natural Polyphenols. **2008**, 2008, 1-6	2
407	Preclinical Assays for Identifying Cancer Chemopreventive Phytochemicals. **2009**, 2009, 1-15	2
406	Resveratrol decreases cell apoptosis through inhibiting DNA damage in bronchial epithelial cells. **2020**, 45, 1673-1684	4
405	Resveratrol modulates the apoptosis and autophagic death of human lung adenocarcinoma A549 cells via a p53-dependent pathway: Integrated bioinformatics analysis and experimental validation. **2020**, 57, 925-938	8
404	Resveratrol rescues TNF-induced inhibition of osteogenesis in human periodontal ligament stem cells via the ERK1/2 pathway. **2020**, 21, 2085-2094	4
403	Autophagy suppresses resveratrol-induced apoptosis in renal cell carcinoma 786-O cells. **2020**, 19, 3269-3277	1
402	Resveratrol inhibits proliferation and promotes apoptosis via the androgen receptor splicing variant 7 and PI3K/AKT signaling pathway in LNCaP prostate cancer cells. **2020**, 20, 169	11
401	Combined Treatment of Rutin and Vitamin C Improves the Antioxidant Status in Streptozotocin-Induced Diabetic Rats. **2008**, 9, 1-9	8
400	Ground glass hepatocytes provide targets for therapy or prevention of hepatitis B virus-related hepatocellular carcinoma. **2018**, 5, 90-101	3
399	Natural anti-inflammatory agents for pain relief. **2010**, 1, 80	117
398	Resveratrol at high doses acts as an apoptotic inducer in endothelial cells. **2006**, 38, 48-53	19
397	Pharmacologic Means of Extending Lifespan. **2012**, Suppl 4,	4

396	Phytochemical Constituents and Determination of Resveratrol from the Roots of <i>Arachis hypogea</i> L.. **2013**, 04, 2351-2358	2
395	Enhancing the Yields of Phenolic Compounds during Fermentation Using <i>Saccharomyces cerevisiae</i> Strain 96581. **2014**, 05, 2063-2070	8
394	Determination of Catechin Compounds in Korean Green Tea Infusions under Various Extraction Conditions by High Performance Liquid Chromatography. **2005**, 26, 747-754	22
393	Parallel Synthesis of Unsymmetrical trans-Stilbenes. **2007**, 28, 1159-1166	6
392	A New Synthesis of Stilbene Natural Product Piceatannol. **2008**, 29, 1800-1802	9
391	Syntheses of Resveratrol and its Hydroxylated Derivatives as Radical Scavenger and Tyrosinase Inhibitor. **2010**, 31, 971-975	23
390	Synthesis of Pyronyl Derivatives as Resveratrol Analogues and Their Inhibitory Effects on Nitric Oxide and PGE2Productions. **2011**, 32, 299-302	5
389	Selective Butyrylcholinesterase Inhibitors Using Polyphenol-polyphenol Hybrid Molecules. **2011**, 32, 2593-2598	14
388	Development of Selective Butyrylcholinesterase Inhibitors Using (R)-Lipoic Acid-Polyphenol Hybrid Molecules. **2011**, 32, 2997-3002	10
387	Radiosynthesis and Biodistribution of an125I-labeled Resveratrol Derivative. **2012**, 33, 489-491	1
386	Antioxidant activity of tokaj essence. **2018**, 12,	4
385	In vitro Inhibitory Effect of Aged Black Garlic Extract with Antioxidant Activity on MMP-2 and MMP-9 Related to Metastasis. **2010**, 20, 760-767	5
384	Quality Characteristics and Free Amino Acid Content of Seasoning Pork Meat Aged by Red Wine. **2011**, 21, 74-80	3
383	Inhibitory Effect of Spermidine with Antioxidant Activity on Oxidative Stress in Human Dermal Fibroblasts. **2011**, 21, 693-699	3
382	Interaction of resveratrol and genistein with nucleic acids. **2005**, 38, 198-205	30
381	Natural phenolics in the prevention of UV-induced skin damage. A review. **2003**, 147, 137-145	257
380	Effects of Proanthocyanidin-rich Extract from Pinus radiata Bark on Immune Responses of Broiler Chickens. **2010**, 37, 331-336	2
379	Antimutagenic Activity of Isoflavone from Belamcanda chinensis.. **2001**, 50, 545-554	3

378	The Angiogenetic Effect of Resveratrol on Dermal Wound Healing in Balb/C Mice. **2017**, 14,	1
377	Classification and biological activity of phytoestrogens: A review. **2017**, 6, 96-106	20
376	PKSIIIexplorer: TSVM approach for predicting Type III polyketide synthase proteins. **2011**, 6, 125-7	11
375	Lifespan extension and increased resistance to environmental stressors by N-acetyl-L-cysteine in Caenorhabditis elegans. **2015**, 70, 380-6	49
374	Selenocysteine modulates resistance to environmental stress and confers anti-aging effects in C. elegans. **2017**, 72, 491-498	7
373	The Influence of UV Irradiation on Stilbene Contents and Gray Mold Incidence in Grapevine Leaves. **2012**, 30, 493-500	1
372	Resveratrol affects protein kinase C activity and promotes apoptosis in human colon carcinoma cells. **2012**, 13, 6017-22	11
371	Resveratrol exerts differential effects in vitro and in vivo against ovarian cancer cells. **2012**, 13, 1333-40	25
370	Resveratrol inhibits oesophageal adenocarcinoma cell proliferation via AMP-activated protein kinase signaling. **2014**, 15, 677-82	12
369	Autophagy-associated targeting pathways of natural products during cancer treatment. **2014**, 15, 10557-63	31
368	Resveratrol Induces Apoptosis through PI3K/Akt and p53 Signal Pathway in MDA-MB-231 Breast Cancer Cells. **2012**, 44, 452-459	4
367	Source, Biosynthesis, Biological Activities and Pharmacokinetics of Oxyresveratrol. **2015**, 47, 545-555	9
366	Nanoelicitors with prolonged retention and sustained release to produce beneficial compounds in wines. **2021**, 8, 3524-3535	5
365	Induction of apoptosis in human hormone-refractory prostate cancer cell lines by using resveratrol in combination with AT-101. **2021**, e14267	
364	Rodent diet aids and the fallacy of caloric restriction. **2021**, 200, 111584	0
363	Resveratrol-Loaded Poly(d , l -Lactide- Co -Glycolide) Microspheres Integrated in a Hyaluronic Acid Injectable Hydrogel for Cartilage Regeneration. 2100070	0
362	Rapid, Highly-Sensitive and Ecologically Greener Reversed-Phase/Normal-Phase HPTLC Technique with Univariate Calibration for the Determination of Trans-Resveratrol. **2021**, 8, 184	
361	Resveratrol Inhibits Hepatic Stellate Cell Activation via the Hippo Pathway. **2021**, 2021, 3399357	2

360	Identification of potential target genes of non-small cell lung cancer in response to resveratrol treatment by bioinformatics analysis. **2021**, 13, 23245-23261	0
359	Human Sirtuin Regulators: The "Success" Stories. **2021**, 12, 752117	2
358	An Emerging Role for Calcium Signaling in Cancer-Associated Fibroblasts. **2021**, 22,	2
357	Expression of the pyrroline-5-carboxylate reductase (P5CR) gene from the wild grapevine Vitis yeshanensis promotes drought resistance in transgenic Arabidopsis. **2021**, 168, 188-201	2
356	Nutraceuticals and their role in tumor angiogenesis. **2021**, 408, 112859	0
355	Resveratrol and cyclodextrins, an easy alliance: Applications in nanomedicine, green chemistry and biotechnology. **2021**, 53, 107844	8
354	Pickering emulsions-chitosan hydrogel beads carrier system for loading of resveratrol: Formulation approach and characterization studies. **2021**, 169, 105074	1
353	Potential of natural products in osteosarcoma treatment: Focus on molecular mechanisms. **2021**, 144, 112257	1
352	Spices as Potent Antioxidants with Therapeutic Potential. **2001**,	
351	Protection in vitro des fonctions mitochondriales cr̂b̀rales par le E-resvr̂atrol dans les t̂ats dâ□noxie suivie de rb̀xygĥation. **2001**, 185, 1429-1445	
350	New Perspectives for Plant Secondary Metabolite Production. **2002**, 345-366	
349	Suppression of Hepatoma Cell Invasion in Culture by Resveratrol and its Modes of Action. **2002**, 389-393	
348	Resveratrol Induced Serine Phosphorylation Of p53 Causes Apoptosis In A Mutant p53 Prostate Cancer Cell Line. **2002**, 748-755	1
347	The Potential Contribution of Plant Biotechnology to Improving Food Quality. **2002**,	0
346	The Effects of Anticarcinogenic Activity of Solanum tuberosum Peel Fractions. **2002**, 31, 905-909	3
345	Prevention of oral cancer. **2002**, 459-482	
344	Resveratrol. **2002**, 160-198	1
343	Decreased Intracellular Peroxide Levels of Rat Ascites Hepatoma Cells by Resveratrol and Sera from Resveratrol-Treated Rats. **2003**, 411-415	1

342 Drug-like compounds from food plants and spices. **2003**, 43-74

341 Effects of Peonia Seed Extracts and Resveratrol on Lipid Metabolism in Rats Fed High Cholesterol Diets. **2003**, 32, 1102-1107 5

340 Cyclooxygenase-2 as a Putative Target for Cancer Chemoprevention by Some Anti- Inflammatory Phytochemicals. **2003**,

339 Prostaglandin Formation as Affected by Dietary Frying Oil and Other Food Components. **2003**,

338 Cancer Prevention by Phytochemicals, Modulation of Cell Cycle. **2003**,

337 Alcohol and Nutrition as Risk Factors for Chronic Liver Disease. **2003**, 73-85

336 Tumor Angiogenesis as a Target for Early Intervention and Cancer Prevention. **2004**, 611-633

335 Preventive Strategies in Breast Cancer. **2004**, 317-378

334 Carcinogenesis. **2004**, 409-417

333 Induction of Cdk inhibitor p21 and inhibition of cyclooxygenase-2 by resveratrol in human lung carcinoma A549 cells.. **2004**, 14, 800-808 1

332 Dietary Restriction, Hormesis, and Small Molecule Mimetics. **2005**, 63-104 1

331 The Mediterranean Diet and the Contribution and Role of Alcohol. **2005**, 135-146

330 Optimization for the Post-Harvest Induction of trans-Resveratrol by Soaking Treatment in Raw Peanuts. **2005**, 34, 567-571

329 Cancer Chemoprevention by Wine Polyphenols and Resveratrol. **2005**,

328 Cancer Chemoprotective Activity of Stilbenes. **2005**,

327 Wine Antioxidants/Phytoestrogens. **2005**,

326 Resveratrol as an Antitumor Agent In Vivo. **2005**, 385-398

325 Mechanism of Apoptosis by Resveratrol. **2005**, 85-104

324	Resveratrol as a Radio-Protective Agent. **2005**, 423-438	
323	Modulation of Gene Expression by Resveratrol. **2005**, 193-213	
322	Protective Effects of Resveratrol against Ischemia-Reperfusion. **2005**, 519-537	
321	Resveratrol as a Sensitizer to Apoptosis-Inducing Stimuli. **2005**, 399-421	1
320	Resveratrol Modulation of Gene Expression. **2005**, 167-191	
319	Resveratrol as an Antiproliferative Agent for Cancer. **2005**, 57-83	
318	Resveratrol as Inhibitor of Cell Cycle Progression. **2005**, 119-132	1
317	Protective Effects of Resveratrol in Age-Related Neurodegenerative Diseases and Gene Regulatory Action. **2005**, 499-517	
316	Immunomodulation by Resveratrol. **2005**, 557-576	
315	Resveratrol and Prostaglandin Biosynthesis. **2005**, 215-232	
314	Resveratrol as an Inhibitor of Carcinogenesis. **2005**, 233-383	
313	Molecular Targets of Resveratrol. **2005**, 133-147	1
312	The Synergy Principle at Work with Plants, Pathogens, Insects, Herbivores, and Humans. **2006**, 475-501	1
311	Gene profiling uncovers retinoid target genes. **2007**, 383, 101-21	2
310	Effect of Dietary Supplementation of Ground Grape Seed on Growth Performance and Antioxidant Status in the Intestine and Liver in Broiler Chickens. **2007**, 34, 1-8	6
309	Growth Inhibition and G2/M Phase Cell Cycle Arrest by 3,4,5-Trimethoxy-4'-bromo-cis-stilbene in Human Colon Cancer Cells. **2007**, 15, 95-101	
308	Nutritional and Bromacological Studies of Food Factors Using In Vitro and In Vivo Disease Models. **2008**, 62, 61-74	
307	Natural Agents That Can Sensitize Tumor Cells to Chemotherapy and Radiation Therapy. **2008**, 211-240	3

306 Inhibitory Effects of Feeding Selected Levels of Peanuts on Azoxymethane-Induced Aberrant Crypt Foci in Male Fisher 344 Rats. **2008**, 4, 146-153 1

305 Intracellular Signaling Molecules as Targets of Selected Dietary Chemopreventive Agents. **2008**,

304 Nutrition and Cancer Prevention. **2008**, 189-216

303 Abstract PL05-03: Influence of Mother Natureâ pharmacopeia on everyday health and wellbeing. **2008**,

302 Plant Resistance to TSWV and Seed Accumulation of Resveratrol within Peanut Germplasm and its Wild Relatives in the US Collection. **2009**, 8, 53-61 0

301 trans-1,2-Bis(3,5-dimethoxy-phen-yl)ethene. **2009**, 65, o2150

300 Dietary Polyphenols as Preventive and Therapeutic Agents in Glioblastoma. **2010**, 325-339

299 Neurohormetic Properties of the Phytochemical Resveratrol. **2009**,

298 Resveratol. **2010**, 1-4

297 Sirtuins and Mammalian Aging. **2010**, 91-117 1

296 Mammary and Prostate Cancer Chemoprevention and Mechanisms of Action of Resveratrol and Genistein in Rodent Models. **2010**, 589-611

295 Nutrition, Vitamins, and Supplements. **2011**, 187-201

294 Biotechnology and Breeding for Enhancing the Nutritional Value of Berry Fruit. **2010**, 61-80 1

293 The Therapeutical Potential of Diet and Exercise on Brain Repair. **2010**, 485-498 1

292 Aging by Epigenetics. **2010**, 13-30

291 . **2011**, 01, 1-6

290 Nutrition, Vitamins, and Supplements. **2011**, 125-139

289 Encyclopedia of Cancer. **2011**, 3267-3269

288	Encyclopedia of Cancer. **2011**, 778-785	
287	Modulation of Cytotoxic Effects of Resveratrol by Its Anti- or Pro-oxidant Properties. **2011**, 43, 114-118	
286	Cosmeceutical Treatment of the Aging Face. **2012**, 69-84	1
285	Nanotechnology for Cerebral Delivery of Nutraceuticals for the Treatment of Neurodegenerative Diseases. 263-283	
284	Antitumor or Wound Healing Actions of Natural Products through Inhibiting or Enhancing Angiogenesis. **2011**, 265-298	
283	Resveratrol against Major Pathologies. **2011**, 339-378	
282	From Natural Polyphenols to Synthetic Antitumor Agents. **2011**, 299-338	
281	Skin Cancer Chemoprevention: Current Status and Future Potential. **2012**, 259-294	
280	Preventive Effects of Resveratrol on Age-Associated Neurological Disorders. **2012**, 329-341	
279	Dietary Biofactors in the Management of Cancer: Myth or Reality?. **2012**, 109-127	1
278	Regulation of Resveratrol Prodution by Precursors and Elicitors in Cell Culture of âPinot Noirâ**2012**, 371-376	
277	CHAPTER 13. Some Other Pharmacologically Active Drugs. **2012**, 155-247	
276	Approaches to Protein-Ligand Structure Determination by NMR Spectroscopy: Applications in Drug Binding to the Cardiac Regulatory Protein Troponin C. **2012**, 121-134	
275	Dietary and Non-dietary Phytochemicals in Cancer Control. **2012**, 585-622	2
274	Stilbenes and Resveratrol. **2012**, 349-378	0
273	Analysis of Antibacterial Activity against Food Spoilage and Food-borne Pathogens and Cytotoxicity on Human Cancer Cell Lines of Extracts from Pericarp and Seed of Vitis coignetiea. **2012**, 28, 175-182	3
272	Alcohol and Nutrition as Risk Factors for Chronic Liver Disease. **2013**, 497-506	
271	Natural Products as Tools for Discovering New Cancer Targets. **2013**, 213-237	3

270	Mitochondrial Reactive Oxygen Species in Proapoptotic Effect of Promising Cancer Chemopreventive Phytochemicals. **2013**, 157-170	
269	Krebsprävention. **2013**, 161-192	
268	Breeding for Enhanced Bioactives in Berry Fruit. 389-407	
267	Nutritional Phytochemicals and the Management of Chronic Inflammation. **2013**, 589-606	
266	Prevention of Prostate Cancer. **2014**, 491-531	
265	Skin Cancer Prevention. **2014**, 321-376	
264	Effects of Resveratrol on the Expression of Genes Encoding Hepatic Drug Metabolizing Enzymes in Ovariectomized Mice. **2014**, 72, 193-199	
263	Ernährung und Tumorentstehung. **2014**, 513-547	
262	Encyclopedia of Cancer. **2014**, 940-947	
261	Encyclopedia of Cancer. **2014**, 1-8	
260	Neuroimmunodegeneration Syndromes: Definition and Models. **1998**, 29-50	
259	Vitamin D3 and Retinoid-Mediated Inhibition of Leukemic Cells. **1998**, 281-301	
258	Expression of a Chimeric Grapevine Stilbene Synthase Gene in Stable Wheat Transformants. **1999**, 135-138	
257	Anhang. **1999**, 231-242	
256	Connections between Agrochemicals and Pharmaceuticals. **1999**,	
255	Naturally Occurring Antimutagenic and Cytoprotective Agents. **1999**,	0
254	Effect of Harvest Time on the Several Phenolic Compounds and Fruit Quality of Grape Cultivars. **2014**, 27, 119-124	6
253	Resveratrol Suppresses CD4+T Cell Activation and Differentiation in vitro. **2014**, 27, 567-575	

252	Encyclopedia of Cancer. **2015**, 1-4	
251	Chemopreventive effect of ⍺viniferin in azoxymethane-induced mouse colorectal tumor and Caco-2 cells. **2015**, 16, 60-66	
250	Induction of Apoptosis by Piceatannol in YD-15 Human Oral Cancer Cells. **2015**, 44, 975-982	1
249	Toxicity, Accidents, and Chemical Waste. **2015**, 1-24	
248	[Assessing resveratrol effect on ocular blood flow in experiment]. **2016**, 132, 55-61	
247	Encyclopedia of Cancer. **2016**, 4033-4036	
246	Inhibition of Depurinating Estrogen-DNA Adduct Formation in the Prevention of Breast and Other Cancers. **2016**, 113-145	
245	Hormetic Shifting of Redox Environment by Pro-Oxidative Resveratrol Protects Cells Against Stress.	0
244	Metabolic engineering and synthetic biology of plant secondary metabolism. **2016**, 315-360	
243	Epigenetic Drivers of Resveratrol-Induced Suppression of Mammary Carcinogenesis: Addressing miRNAs, Protein, mRNA, and DNA Methylation. **2017**, 1-12	
242	DNA Methylation in Anti-Cancer Effects of Dietary Catechols and Stilbenoids: An Overview of Underlying Mechanisms. **2017**, 1-26	
241	Horticultural Production of Ultra High Resveratrol Peanut. **2017**, 08, 1173-1194	4
240	Etiology and prevention of prevalent types of cancer. **2017**, 2, 22-29	1
239	20. Resveratrol and metabolic syndrome in obese men â review. **2017**, 415-441	
238	Hair Dyeing and Colorfastness Using Extracts of Blueberry. **2017**, 15, 323-332	1
237	22. The French paradox revisited: cardioprotection via hormesis, red wine and resveratrol. **2017**, 467-485	1
236	Breast Cancer and Immunosenescence. **2018**, 1-31	
235	Emerging Chemicals Targeting Aromatase: Protective Compounds or Endocrine Disruptors?. 1-8	

234	Effect of Resveratrol on Cell Differentiation and Mineralization in Cultured Odontoblasts. **2018**, 43, 133-140	
233	Breast Cancer and Immunosenescence. **2019**, 2115-2145	
232	Synthesis of Novel Resveratrol-Phthalide Hybrid Compounds and Evaluation of Their Inhibitory Activities of Nitric Oxide Production. **2019**, 99, 534	
231	Skin Cancer Prevention. **2019**, 405-472	
230	Therapeutic Drugs and Natural Products: The Effect of Suppressing Heat Shock Proteins (Hsp) in Brain Tumors. **2019**, 189-208	
229	The effects of Prokupac variety clones and vinification method on the quantity of resveratrol in wine. **2019**, 46, 189-198	
228	Anti-Inflammatory Functional Foods. **2019**, 205-235	
227	Resveratrol induces apoptosis, autophagy and endoplasmic reticulum stress in colon cancer cells. **2019**, 3, 19-28	4
226	Cytoprotective effects of (E)-N-(2-(3, 5-dimethoxystyryl) phenyl) furan-2-carboxamide (BK3C231) against 4-nitroquinoline 1-oxide-induced damage in CCD-18Co human colon fibroblast cells.	
225	Physicochemical Characteristics and Antioxidant Capacity of Traditional Yogurt Fortified with Grape (Vitis vinifera L.) Seed Extract at Different Levels. 1-1	1
224	Paklitakselâ□n Olu□urdu□ Testis Hasar-□erine Resveratrolâ□ Koruyucu Etkisinin □celenmesi. **2019**, 28, 158-163	
223	A STATISTICAL ANALYSIS OF TRANS-RESVERATROL IN GRAPE CANE FROM TEN VARIETIES OF CULTIVATED WINE GRAPES (VITIS SPP.). **2020**, 72,	1
222	Grapes. **2020**, 695-708	
221	The Use of Anti-Inflammatory Agents for Cancer Chemoprevention. **2020**, 561-575	
220	Research Progress of 70 kDa Ribosomal Protein S6 Kinase (P70S6K) Inhibitors as Effective Therapeutic Tools for Obesity, Type II Diabetes and Cancer. **2020**, 27, 4699-4719	0
219	Adsorption of low molecular weight food relevant polyphenols on cross-linked agarose gel. **2021**, 117972	1
218	Resveratrol Targets a Variety of Oncogenic and Oncosuppressive Signaling for Ovarian Cancer Prevention and Treatment. **2021**, 10,	1
217	Effect of Resveratrol Treatment on Human Pancreatic Cancer Cells through Alterations of Bcl-2 Family Members. **2021**, 26,	2

216	Novel phenolic compounds by DFT: Electronic effects on antioxidant activity of 4-vinylphenol derivatives. **2021**, 68, 817-825	
215	Antioxidant content and antioxidant activity in ́raisins from seedless hybrid vine varieties with coloured grape juice. **2020**, 38, 410-416	2
214	Perspective: A Positive Cocktail Effect of the Bioactive Components in the Diet. **2020**, 613-629	1
213	Phytochemical Bioactives in Chemoprevention. **2020**, 9-28	0
212	Pterostilbene as a Potent Chemopreventive Agent in Cancer. **2020**, 49-108	0
211	Secondary Metabolism. **2020**, 233-308	
210	Resveratrol Prevents Cataract Formation by Inhibiting Pro-inflammatory Mediator-induced Dysregulation of Lens Calcium. **2020**, 2, 14-35	
209	A Perspective on Medicinal Chemistry Approaches for Targeting Pyruvate Kinase M2. **2021**,	2
208	Prostate Cancer Prevention. **2005**, 277-314	1
207	Breast Cancer and Immunosenescence. **2009**, 1139-1163	
206	Drug-Encapsulated Cyclodextrin Nanosponges. **2021**, 2207, 247-283	2
205	Resveratrol in the treatment of neuroblastoma: a review. **2020**,	0
204	Exploring the binding of resveratrol to an oncogene promoter DNA sequence d(CCAATTGG)2 through multispectroscopic, nuclear magnetic resonance and molecular dynamics studies.	
203	Chemosensitization of Tumor Cells by Phenolic Antioxidants: The Role of the Nrf2 Transcription Factor. **2020**, 65, 920-930	0
202	Role of nutrition in preventing cancer. **2007**, 53, 1905-11	63
201	Significance of wine and resveratrol in cardiovascular disease: French paradox revisited. **2006**, 11, 217-25	80
200	Identification of glutathione sulfotransferase-pi (GSTP1) as a new resveratrol targeting protein (RTP) and studies of resveratrol-responsive protein changes by resveratrol affinity chromatography. **2008**, 28, 29-36	22
199	Resveratrol downregulates PI3K/Akt/mTOR signaling pathways in human U251 glioma cells. **2009**, 8, 25-33	97

198	Crude drugs as anticancer agents. **2011**, 4, 17-25	7
197	Control of eotaxin-1 expression and release by resveratrol and its metabolites in culture human pulmonary artery endothelial cells. **2011**, 1, 16-30	4
196	Pterostilbene simultaneously induces apoptosis, cell cycle arrest and cyto-protective autophagy in breast cancer cells. **2012**, 4, 44-51	48
195	Effects of cow ghee (clarified butter oil) & soybean oil on carcinogen-metabolizing enzymes in rats. **2012**, 136, 460-5	1
194	Resveratrol inhibits proliferation of hypoxic choroidal vascular endothelial cells. **2013**, 19, 2385-92	17
193	A study on the effect of resveratrol on lipid metabolism in hyperlipidemic mice. **2014**, 11, 209-12	9
192	Design, synthesis and biological evaluation of 5-oxo-1,4,5,6,7,8 hexahydroquinoline derivatives as selective cyclooxygenase-2 inhibitors. **2014**, 13, 61-9	6
191	New concepts in nutraceuticals as alternative for pharmaceuticals. **2014**, 5, 1487-99	194
190	Resveratrol induces apoptosis of leukemia cell line K562 by modulation of sphingosine kinase-1 pathway. **2015**, 8, 2755-62	15
189	Resveratrol induces apoptosis in K562 cells via the regulation of mitochondrial signaling pathways. **2015**, 8, 16926-33	16
188	High-throughput cell-based compound screen identifies pinosylvin methyl ether and tanshinone IIA as inhibitors of castration-resistant prostate cancer. **2016**, 5, 12-22	7
187	Caragaphenol a induces reactive oxygen species related apoptosis in human gastric cancer cells. **2017**, 9, 3804-3815	3
186	Proliferative and Anti-Inflammatory Effects of Resveratrol and Silymarin on Human Gingival Fibroblasts: A View to the Future. **2017**, 14, 203-211	3
185	Intracellular Oxygen Concentration Determined By Mitochondrial Respiration Regulates Production of Reactive Oxygen Species. **2017**, 1,	1
184	The Impact of Resveratrol Supplementation on Inflammation Induced by Acute Exercise in Rats: Il6 Responses to Exercise. **2019**, 18, 772-784	1
183	Vaticanol C, a phytoalexin, induces apoptosis of leukemia and cancer cells by modulating expression of multiple sphingolipid metabolic enzymes. **2020**, 82, 261-280	1
182	Towards realization of longer life. **2020**, 91, e2020054	0
181	The role of nutritional interventions in prostate cancer: A review. **2021**, 26, 29	1

180	Resveratrol protected acrolein-induced ferroptosis and insulin secretion dysfunction via ER-stress-related PERK pathway in MIN6 cells. **2021**, 465, 153048	7
179	Network Pharmacology-based and Molecular Docking Analysis of Resveratrol's Pharmacological Effects on Type I Endometrial Cancer. **2021**,	0
178	Resveratrol Enhances the Cytotoxic Activity of Lymphocytes from Menopausal Women.. **2021**, 10,	2
177	Unexpected Role of pH and Microenvironment on the Antioxidant and Synergistic Activity of Resveratrol in Model Micellar and Liposomal Systems. **2021**,	0
176	Beneficial Oxidative Stress-Related trans-Resveratrol Effects in the Treatment and Prevention of Breast Cancer. **2021**, 11, 11041	1
175	Insights into the chemistry and therapeutic potential of acrylonitrile derivatives. **2021**, e202100383	0
174	Diabetes und Krebs: Eine Bestandsaufnahme.	
173	Antioxidant Activity of Phytochemicals in Cancer. **2022**, 1-17	1
172	Redox modulation by plant polyphenols targeting vitagenes for chemoprevention and therapy: Relevance to novel anti-cancer interventions and mini-brain organoid technology.. **2021**, 179, 59-75	2
171	Resveratrol protects against renal ischemia/reperfusion injury: A systematic review and meta-analysis of preclinical studies. **2022**, 2, 100040	0
170	Obesity and Male Reproduction: Do Sirtuins Play a Role?. **2022**, 23,	1
169	Resveratrol Ameliorates Intestinal Damage Challenged With Deoxynivalenol Through Mitophagy and .. **2021**, 8, 807301	0
168	Conductive polymer sorbent for extraction and determination of resveratrol and polydatin in Polygonum cuspidatum root samples.. **2022**,	
167	The emerging role of dark berry polyphenols in human health and nutrition.	7
166	Meet the Editorial Board Member. **2022**, 29, 381-382	
165	Activation of platelet-adherent basophils in chronic rhinosinusitis with alcohol hypersensitivity.. **2022**,	0
164	Strategies to protect against age-related mitochondrial decay: Do natural products and their derivatives help?. **2021**, 178, 330-330	2
163	Chemoprotective effect of theanine in 1,2-dimethylhydrazine-induced colorectal cancer in rats via suppression of inflammatory parameters.. **2022**, e14073	0

162	Resveratrol derivative production by high-pressure treatment: proliferative inhibitory effects on cervical cancer cells. 66,	
161	Anti-ageing and Anti-lung Carcinoma Effects of Vulpinic Acid and Usnic Acid Compounds and Biological Investigations with Molecular Modeling Study.. **2022**, 71, 247-255	
160	The Potential for Natural Products to Overcome Cancer Drug Resistance by Modulation of Epithelial-Mesenchymal Transition.. **2022**, 1-27	0
159	Natural herbal products for cancer therapy. **2022**, 257-268	0
158	Computation-guided asymmetric total syntheses of resveratrol dimers.. **2022**, 13, 152	2
157	Optimization of an In Vitro Embryo Rescue Protocol for Breeding Seedless Table Grapes (Vitis vinifera L.) in Italy. **2022**, 8, 121	1
156	Identification and validation of a major locus with linked marker for resveratrol content in culitivated peanut. **2022**, 218, 1	1
155	Resveratrol as a modulatory of apoptosis and autophagy in cancer therapy.. **2022**, 1	2
154	Exposome and Skin. Part 2. The Influential Role of the Exposome, Beyond UVR, in Actinic Keratosis, Bowen's Disease and Squamous Cell Carcinoma: A Proposal.. **2022**, 12, 361	1
153	Diaryl triazenes inhibit cytochrome P450 1A1 and 1B1 more strongly than aryl morpholino triazenes.. **2022**, 59, 128570	
152	Molecular Basis of Resveratrol-Induced Resensitization of Acquired Drug-Resistant Cancer Cells.. **2022**, 14,	0
151	Rose flavor compound ⊞damascone regulates dendritic cell-mediated immunoresponses by modulating the NRF2 pathway and ameliorates contact hypersensitivity.	
150	Design, Synthesis and Cytotoxicity of Thiazole-Based Stilbene Analogs as Novel DNA Topoisomerase IB Inhibitors.. **2022**, 27,	0
149	Green-synthesized gold nanoparticles from black tea extract enhance the chemosensitivity of doxorubicin in HCT116 cells a ROS-dependent pathway.. **2022**, 12, 8996-9007	1
148	Plant Secondary Metabolites: Natural Compounds as Cosmetic Ingredients and Their Potential Activity in Skin Cancer. **2022**, 121-139	
147	Drug Design, Synthesis and Biological Evaluation of Heterocyclic Molecules as Anti-Inflammatory Agents.. **2022**, 27,	1
146	Differential Response of Phenol Metabolism Associated with Antioxidative Network in Elicited Grapevine Suspension Cultured Cells under Saline Conditions.. **2022**, 11,	1
145	.. **2022**,	1

144	On Health Effects of Resveratrol in Wine.. **2022**, 19,	0
143	Emerging Trends in the Delivery of Resveratrol by Nanostructures: Applications of Nanotechnology in Life Sciences. **2022**, 2022, 1-17	4
142	Natural Compounds as Promising Adjuvant Agents in The Treatment of Gliomas.. **2022**, 23,	2
141	The role of NAD and NAD precursors on longevity and lifespan modulation in the budding yeast, Saccharomyces cerevisiae.. **2022**, 1	0
140	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress.. **2022**, 101, 101886	0
139	Development and Characterization of Nano-Sized Emulsion Systems Incorporated Polyphenolic Compound for Application Through the Skin. 57-72	
138	MIB-626, an Oral Formulation of a Microcrystalline Unique Polymorph of β-Nicotinamide Mononucleotide, Increases Circulating Nicotinamide Adenine Dinucleotide and its Metabolome in Middle-aged and Older Adults.. **2022**,	0
137	Food Involvement, Food Choices, and Bioactive Compounds Consumption Correlation during COVID-19 Pandemic: How Food Engagement Influences Consumers' Food Habits.. **2022**, 14,	1
136	Biological Potential of Polyphenols in the Context of Metabolic Syndrome: An Analysis of Studies on Animal Models.. **2022**, 11,	0
135	The science of resveratrol, formulation, pharmacokinetic barriers and its chemotherapeutic potential.. **2022**, 121605	2
134	Computational Analysis and Biological Activities of Oxyresveratrol Analogues, the Putative Cyclooxygenase-2 Inhibitors.. **2022**, 27,	0
133	Modular engineering of coculture for efficient production of resveratrol from glucose and arabinose mixture.. **2022**, 7, 718-729	1
132	Resveratrol Relieved Acute Liver Damage in Ducks () Induced by AFB1 via Modulation of Apoptosis and Nrf2 Signaling Pathways.. **2021**, 11,	1
131	Current Advancements of Plant-Derived Agents for Triple-Negative Breast Cancer Therapy through Deregulating Cancer Cell Functions and Reprogramming Tumor Microenvironment.. **2021**, 22,	0
130	Functional Significance of Selective Expression of ERα and ERβ in Mammary Gland Organ Culture. **2021**, 22,	0
129	Separation and Identification of Resveratrol Butyrate Ester Complexes and Their Bioactivity in HepG2 Cell Models.. **2021**, 22,	3
128	Ageing, Age-Related Cardiovascular Risk and the Beneficial Role of Natural Components Intake.. **2021**, 23,	1
127	Bioactive small-molecule constituents of Lao plants.. **2021**, 15, 540-559	0

126	The Fabrication of Resveratrol-loaded Scaffolds and Their Application for Delaying Cell Senescence in vitro.. **2021**, e2100440	0
125	Hypoxia: Role of SIRT1 and the protective effect of resveratrol in ovarian function.. **2022**, 21, e12428	6
124	The current state of diabetes treatment. **2022**, 1-31	
123	Table_1.DOCX. **2018**,	
122	DataSheet_1.docx. **2018**,	
121	Presentation_1.PPTX. **2018**,	
120	Presentation_2.PPTX. **2018**,	
119	Presentation_3.PPTX. **2018**,	
118	Presentation_4.PPTX. **2018**,	
117	Presentation_5.PPTX. **2018**,	
116	Presentation_6.PPTX. **2018**,	
115	Image_1.tif. **2020**,	
114	Identification of potential key genes in resveratrol biosynthesis via transcriptional analyses of berry development in grapevine (<i>Vitis</i> spp.) genotypes varying in <i>trans</i>-resveratrol content. **2022**, 2, 1-11	
113	Natural Products Possess Bioactive Agents Investigated for Their Anticancer Potential. **2022**, 153-168	
112	Resveratrol: A Phenolic Prodigy.	
111	Fully Natural Lecithin Encapsulated Nano-Resveratrol for Anti-Cancer Therapy.. **2022**, 17, 2069-2078	1
110	Alcohol and Health Outcomes: An Umbrella Review of Meta-Analyses Base on Prospective Cohort Studies. **2022**, 10,	0
109	Antiaging agents: safe interventions to slow aging and healthy life span extension.. **2022**, 12, 18	3

108	A stilbene derivative as dual-channel fluorescent probe for mitochondrial G-quadruplex DNA in living cells.. **2022**, 278, 121316	1
107	Formaldehyde Cycle and the Natural Formaldehyde Generators and Capturers. **1998**, 49, 225-238	39
106	Formaldehyde Generators and Capturers as Influencing Factors of Mitotic and Apoptotic Processes. **1998**, 49, 323-329	14
105	PHARMACOLOGICAL EFFECT OF THE COMBINED APPLICATION OF CANDESARTAN AND RESVERATROL. **2013**, 74-78	
104	THE STUDY OF THE EFFECT OF CANDESARTAN CILEXETIL AND RESVERATROL ON THE MOLECULAR AND BIOLOGICAL PARAMETERS <i> IN VITRO </i>AND <i> IN VIVO</i>. **2014**, 106-111	
103	Anti-Inflammatory Effect of Resveratrol Derivatives via the Downregulation of Oxidative-Stress-Dependent and c-Src Transactivation EGFR Pathways on Rat Mesangial Cells. **2022**, 11, 835	0
102	[illegible]<i>IN</i> <i>VIVO</i> [illegible]<i>IN</i> <i>VITRO</i>. **2013**, 99-104	
101	Red Wine and Health: Approaches to Improve the Phenolic Content During Winemaking. **2022**, 9,	1
100	Phytochemicals: A potential next generation agent for radioprotection. **2022**, 154188	0
99	Nanoparticles Loaded with Docetaxel and Resveratrol as an Advanced Tool for Cancer Therapy. **2022**, 10, 1187	5
98	4-hydroxydibenzyl: a novel metabolite from the human gut microbiota after consuming resveratrol.	1
97	Antitumor Potential of Immunomodulatory Natural Products. **2022**, 20, 386	1
96	Trans-Resveratrol Decreases Membrane Water Permeability: A Study of Cholesterol-Dependent Interactions.	
95	Identifying Major Drivers of Antioxidant Activities in Complex Polyphenol Mixtures from Grape Canes. **2022**, 27, 4029	1
94	Resveratrol inhibits HeLa cell proliferation by regulating mitochondrial function. **2022**, 241, 113788	0
93	Dimer stilbene, a resveratrol analogue exhibits synergy with antibiotics that target protein synthesis in eradicating Staphylococcus aureus infection. **2022**,	1
92	The Use of Dietary Supplements and Amino Acid Restriction Interventions to Reduce Frailty in Pre-Clinical Models. **2022**, 14, 2806	
91	Characterization of regioselective glycosyltransferase of Rhizobium pusense JCM 16209T useful for resveratrol 4?-O-[illegible]-glucoside production. **2022**,	0

90	Alcohol, Wine, and Risk of Epithelial Ovarian Cancer. **2004**, 13, 592-599	7
89	Inhibitory effect of epidermal growth factor on resveratrol-induced apoptosis in prostate cancer cells is mediated by protein kinase C-. **2004**, 3, 1355-1364	12
88	Wine Consumption and Epithelial Ovarian Cancer. **2004**, 13, 1823-1824	4
87	Effect of Black Tea Intake on the Excretion of Mutagens in the Urine of Volunteers Taking a Beef Meal. **2004**, 13, 2196-2202	
86	The Role of Resveratrol in Eye Diseasesâ A Review of the Literature. **2022**, 14, 2974	0
85	Enhanced biological activity of liposomal methylated resveratrol analog 3?-hydroxy-3,4,5,4?-tetramethoxystilbene (DMU-214) in 3D patient-derived ovarian cancer model. **2022**, 29, 2459-2468	0
84	Thermosensitive Hydrogels Loaded with Resveratrol Nanoemulsion: Formulation Optimization by Central Composite Design and Evaluation in MCF-7 Human Breast Cancer Cell Lines. **2022**, 8, 450	0
83	Effects and mechanisms of resveratrol for prevention and management of cancers: An updated review. 1-19	2
82	Electrochemical Signal Amplification Strategies and Their Use in Olfactory and Taste Evaluation. **2022**, 12, 566	0
81	Deactylation by SIRT1 enables liquidâliquid phase separation of IRF3/IRF7 in innate antiviral immunity.	3
80	Resveratrol modifies the expression of apoptotic regulatory proteins and sensitizes non-Hodgkin's lymphoma and multiple myeloma cell lines to paclitaxel-induced apoptosis. **2004**, 3, 71-84	31
79	Mechanism research and treatment progress of NAD pathway related molecules in tumor immune microenvironment. **2022**, 22,	
78	In vitro evaluation of Resveratrol as a potential pre-exposure prophylactic drug for Trypanosoma cruzi infection. **2022**,	1
77	Resveratrol from Dietary Supplement to a Drug Candidate: An Assessment of Potential. **2022**, 15, 957	1
76	Antioxidant, Antiproliferative and Anti-Enzymatic Capacities, Nutritional Analysis and UHPLC-PDA-MS Characterization of Ungurahui Palm Fruits (Oenocarpus bataua Mart) from the Peruvian Amazon. **2022**, 11, 1598	1
75	Targeting microbiota-host interactions with resveratrol on cancer: Effects and potential mechanisms of action. 1-23	0
74	Recent Overview of Resveratrolâ Beneficial Effects and Its Nano-Delivery Systems. **2022**, 27, 5154	1
73	Bioactivity of hamamelitannin, flavokawain A, and triacetyl resveratrol as natural compounds: Molecular docking study, anticolon cancer, and anti-Alzheimer potentials.	2

72	The Emerging Promise with O/C-Glycosides of Important Dietary Phenolic Compounds.	
71	Impacts of polyphenols on laying hens'´productivity and egg quality: A review.	0
70	Addition of grapes to both a standard and a high-fat Western pattern diet modifies hepatic and urinary metabolite profiles in the mouse. **2022**, 13, 8489-8499	1
69	Olaparib enhances the Resveratrol-mediated apoptosis in breast cancer cells by inhibiting the homologous recombination repair pathway. **2022**, 420, 113338	1
68	Polypharmacology and Natural Products. **2022**, 625-646	0
67	An Overview of Food Bioactive Compounds and Their Health-Promoting Features. **2022**, 3-36	0
66	Antioxidant Activity of Phytochemicals in Cancer. **2022**, 81-97	0
65	Effects of combination treatment using arsenic trioxide and resveratrol on human breast cancer (MCF-7) cells.	0
64	How do phenolic compounds act in the prevention and treatment of cancer?. 77-121	0
63	Resveratrol: A potential therapeutic natural polyphenol for neurodegenerative diseases associated with mitochondrial dysfunction. 13,	3
62	Molecularly Imprinted Electrochemical Sensor Based on Nitrogen-doped Molybdenum Carbide Nanosphere for Trace Analysis of Resveratrol.	1
61	The Journey of Resveratrol from Vineyards to Clinics. 1-38	0
60	Transition Metal Catalyzed Hiyama Cross-Coupling: Recent Methodology Developments and Synthetic Applications. **2022**, 27, 5654	0
59	Risk Factors for Colorectal Adenocarcinoma in an Indigenous Population in East Africa. Volume 14, 2657-2669	0
58	Intensification of resveratrol cytotoxicity, pro-apoptosis, oxidant potentials in human colorectal carcinoma HCT-116 cells using zein nanoparticles. **2022**, 12,	0
57	Computation-Guided Total Synthesis of Vitisinol G. **2022**, 70, 735-739	0
56	Design, synthesis, antioxidant and antitumor activity of some 3-(1H-benzimidazol-2-yl)quinolin-2(1H)-one-resveratrol hybrids.	0
55	Resveratrol activates CD8+ T cells through IL-18 bystander activation in lung adenocarcinoma. 13,	0

54	Resveratrol/Hydrazone Hybrids: Synthesis and Chemopreventive Activity against Colorectal Cancer Cells. **2022**, 14, 2278	0
53	Healing effects of monomer and dimer resveratrol in a mouse periodontitis model. **2022**, 22,	0
52	Nanoparticles derived from naturally occurring metal chelators for theranostic applications. **2022**, 114620	0
51	Addition of Trans-Resveratrol-Loaded, Highly Concentrated Double Emulsion to Moisturizing Cream: Effect on Physicochemical Properties. **2022**, 6, 70	0
50	Mechanism of Resveratrol-Induced Programmed Cell Death and New Drug Discovery against Cancer: A Review. **2022**, 23, 13689	3
49	Emergence of nutrigenomics and dietary components as a complementary therapy in cancer prevention.	0
48	Robust Approach to Estimating the Stoichiometric Ratio of Supramolecular Complexes Using the Volume of Cross-Peaks in 2D Asynchronous Spectra and the Jonckheereâ□Terpstra Test. **2022**, 94, 15621-15630	0
47	General health benefits and sensory perception of plant-based foods. **2023**, 13-26	0
46	NIR-II Light Leveraged Dual Drug Synthesis for Orthotopic Combination Therapy.	0
45	Uso potencial de pigmentos bacterianos como drogas anticâncer e toxicidade reprodutiva feminina: uma revisão. 23,	0
44	Potential use of bacterial pigments as anticancer drugs and female reproductive toxicity: a review. 23,	0
43	Resveratrol derivatives: Synthesis and their biological activities. **2023**, 246, 114962	1
42	Resveratrol ameliorates the defects of meiotic maturation in lipopolysaccharide exposed porcine oocytes. **2023**, 115, 85-93	0
41	Palladium(II)-Catalyzed Heck Reaction: Novel Synthesis of Methyl (E)-3-(5-Amino-2,4-dimethoxyphenyl)acrylate as a Precursor to Carpatamides. **2022**, 58, 1498-1501	0
40	Destroying the Shield of Cancer Stem Cells: Natural Compounds as Promising Players in Cancer Therapy. **2022**, 11, 6996	0
39	Alfin-like transcription factor VqAL4 regulates a stilbene synthase to enhance powdery mildew resistance in grapevine.	0
38	Short-Term Grape Consumption Diminishes UV-Induced Skin Erythema. **2022**, 11, 2372	0
37	Distinct mechanisms mediating therapy-induced cellular senescence in prostate cancer. **2022**, 12,	0

36	Sirtuins (SIRTs) As a Novel Target in Gastric Cancer. **2022**, 23, 15119	0
35	Anticancer properties and mechanisms of botanical derivatives. **2022**, 100396	0
34	Chemical characterization and antineoplastic effect of oligosaccharides from Cabernet Franc red wine in mammary tumor model in mice. **2022**, 109253	0
33	Natural Products as Cancer Chemo Preventive Agents: Where We Stand. **2022**, 17, 1934578X2211445	0
32	A Membrane-Embedded Macromolecular Catalyst with Substrate Selectivity in Live Cells.	0
31	High throughput drug screening identifies resveratrol as suppressor of hepatic SELENOP expression. **2022**, 102592	0
30	Resveratrol against Cervical Cancer: Evidence from In Vitro and In Vivo Studies. **2022**, 14, 5273	0
29	Resveratrol and Immunomodulation. **2022**, 213-251	0
28	Inhibition of ANO1 by Cis- and Trans-Resveratrol and Their Anticancer Activity in Human Prostate Cancer PC-3 Cells. **2023**, 24, 1186	0
27	Boosting Endogenous Copper(I) for Biologically Safe and Efficient Bioorthogonal Catalysis via Self-Adaptive MetalâÐOrganic Frameworks.	1
26	Gold Nanoparticles Functionalized with AuâSe-Bonded Peptides Used as Gatekeepers for the Off-Target Release of Resveratrol in the Treatment of Triple-Negative Breast Cancer. **2023**, 15, 2529-2537	0
25	Complementary and Alternative Medicine for Gliomas: Systematic Review and Critical Appraisal of Current Literature. **2022**, Publish Ahead of Print,	0
24	Resveratrol Loaded Liposomes Disrupt Cancer Associated Fibroblast Communications within the Tumor Microenvironment to Inhibit Colorectal Cancer Aggressiveness. **2023**, 13, 107	0
23	New Strategies for the Prevention of Urinary Tract Infections by Uropathogenic Escherichia coli.	0
22	Ameliorative Effect of Citrus Lemon Peel Extract and Resveratrol on Premature Ovarian Failure Rat Model: Role of iNOS/Caspase-3 Pathway. **2023**, 28, 122	0
21	Engineering a Novel Metabolic Pathway for Improving Cellular Malonyl-CoA Levels in Escherichia coli.	0
20	Primary factors that determine the severity of various infections and effective nutraceutical intervention strategies. **2023**, 63-72	0
19	Molecular mechanisms of the chemopreventive role of dietary phytochemicals. **2023**, 507-529	0

18	Nano-Phytoconstituents and its recent advancement in Anticancer efficacy. **2023**, 447-452	0
17	A porous directional channel xylem reactor based on a continuous fluid catalysis process applied to the conversion of polydatin to resveratrol. **2023**, 33, 101082	0
16	Redox Biomarkers Assessment after Oral Administration of Wine Extract and Grape Stem Extract in Rats and Mice. **2023**, 28, 1574	0
15	A rose flavor compound activating the NRF2 pathway in dendritic cells ameliorates contact hypersensitivity in mice. 10,	0
14	Resveratrol analog, triacetylresveratrol, a potential immunomodulator of lung adenocarcinoma immunotherapy combination therapies. 12,	0
13	Biological function of resveratrol and its application in animal production: a review. **2023**, 14,	1
12	Immunoregulation by resveratrol; implications for normal tissue protection and tumour suppression. **2023**, 50, 353-368	1
11	Bioactive Compounds as Inhibitors of Inflammation, Oxidative Stress and Metabolic Dysfunctions via Regulation of Cellular Redox Balance and Histone Acetylation State. **2023**, 12, 925	0
10	Enhancement of reactive oxygen species production in triple negative breast cancer cells treated with electric pulses and resveratrol. 42-56	0
9	Resveratrol Ameliorates Vancomycin-Induced Testicular Dysfunction in Male Rats. **2023**, 59, 486	0
8	Therapeutic role of resveratrol against hepatocellular carcinoma: A review on its molecular mechanisms of action. **2023**, 6, 100233	0
7	Characterization of stilbene synthase genes by comparative genome sequencing of Vitis flexuosa with high contents of stilbene compounds to Vitis vinifera genome.	0
6	Organosulfur Compound Identified from Striga angustifolia (D. Don) C.J. Saldanha Inhibits Lung Cancer Growth and Induces Apoptosis via p53/mTOR Signaling Pathway.	0
5	Resveratrol Protects against Skin Inflammation through Inhibition of Mast Cell, Sphingosine Kinase-1, Stat3 and NF-B p65 Signaling Activation in Mice. **2023**, 24, 6707	0
4	An Overview of Bioactive Phenolic Molecules and Antioxidant Properties of Beer: Emerging Trends. **2023**, 28, 3221	0
3	Between the Devil and the Deep Blue SeaâResveratrol, Sulfotransferases and SulfatasesâA Long and Turbulent Journey from Intestinal Absorption to Target Cells. **2023**, 28, 3297	0
2	Studies on the Anticancer and Antioxidant Activities of Resveratrol and Long-Chain Fatty Acid Esters. **2023**, 24, 7167	0
1	Connecting the dots in the associations between diet, obesity, cancer, and microRNAs. **2023**, 93, 52-69	0