

Gow-Chin Yen

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279
papers

18,075
citations

72
h-index

123
g-index

292
ext. papers

19,731
ext. citations

5.3
avg, IF

7.07
L-index

#	Paper	IF	Citations
279	Antioxidant Activity of Various Tea Extracts in Relation to Their Antimutagenicity. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 27-32	5.7	1599
278	Scavenging Effect of Methanolic Extracts of Peanut Hulls on Free-Radical and Active-Oxygen Species. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 629-632	5.7	634
277	Antioxidant Activity of Water Extract of Harng Jyur (<i>Chrysanthemum morifolium</i> Ramat). <i>LWT - Food Science and Technology</i> , 1999 , 32, 269-277	5.4	455
276	Antioxidant and pro-oxidant properties of ascorbic acid and gallic acid. <i>Food Chemistry</i> , 2002 , 79, 307-313	8.5	404
275	Chemopreventive effects of dietary phytochemicals against cancer invasion and metastasis: phenolic acids, monophenol, polyphenol, and their derivatives. <i>Cancer Treatment Reviews</i> , 2012 , 38, 76-87	14.4	358
274	The development of regulations for food nanotechnology. <i>Trends in Food Science and Technology</i> , 2007 , 18, 269-280	15.3	309
273	Inhibitory effect of naturally occurring flavonoids on the formation of advanced glycation endproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3167-73	5.7	271
272	Antioxidant activity of anthraquinones and anthrone. <i>Food Chemistry</i> , 2000 , 70, 437-441	8.5	256
271	Inhibition of advanced glycation endproduct formation by foodstuffs. <i>Food and Function</i> , 2011 , 2, 224-346	11.1	223
270	Relationship between antioxidant activity and maturity of peanut hulls. <i>Journal of Agricultural and Food Chemistry</i> , 1993 , 41, 67-70	5.7	213
269	Anthocyanins induce the activation of phase II enzymes through the antioxidant response element pathway against oxidative stress-induced apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9427-35	5.7	212
268	Antioxidant Activity of Extracts from Du-zhong (<i>Eucommia ulmoides</i>) toward Various Lipid Peroxidation Models in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 3952-3957	5.7	211
267	Action of methanolic extract of mung bean hulls as inhibitors of lipid peroxidation and non-lipid oxidative damage. <i>Food and Chemical Toxicology</i> , 1999 , 37, 1055-61	4.7	211
266	Neuroprotective effects of citrus flavonoids. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 877-85	5.7	209
265	Effect of gallic acid on high fat diet-induced dyslipidaemia, hepatosteatosis and oxidative stress in rats. <i>British Journal of Nutrition</i> , 2007 , 98, 727-35	3.6	182
264	Antioxidative properties of methanolic extracts from peanut hulls. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 1993 , 70, 383-386	1.8	182
263	Antioxidant activity and bioactive compounds of tea seed (<i>Camellia oleifera</i> Abel.) oil. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 779-84	5.7	179

262	Antioxidant activity and free radical-scavenging capacity of extracts from guava (<i>Psidium guajava</i> L.) leaves. <i>Food Chemistry</i> , 2007 , 101, 686-694	8.5	176
261	Effects of flavonoids and phenolic acids on the inhibition of adipogenesis in 3T3-L1 adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8404-10	5.7	175
260	Hepatoprotection of tea seed oil (<i>Camellia oleifera</i> Abel.) against CCl ₄ -induced oxidative damage in rats. <i>Food and Chemical Toxicology</i> , 2007 , 45, 888-95	4.7	166
259	Differential expressions of antioxidant status in aging rats: the role of transcriptional factor Nrf2 and MAPK signaling pathway. <i>Biogerontology</i> , 2007 , 8, 71-80	4.5	154
258	Flavonoids, a ubiquitous dietary phenolic subclass, exert extensive in vitro anti-invasive and in vivo anti-metastatic activities. <i>Cancer and Metastasis Reviews</i> , 2012 , 31, 323-51	9.6	153
257	Phenolic compounds rutin and o-coumaric acid ameliorate obesity induced by high-fat diet in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 425-31	5.7	153
256	Antioxidative activity and scavenging effects on active oxygen of xylose-lysine maillard reaction products. <i>Journal of the Science of Food and Agriculture</i> , 1995 , 67, 415-420	4.3	152
255	Induction of hepatic antioxidant enzymes by phenolic acids in rats is accompanied by increased levels of multidrug resistance-associated protein 3 mRNA expression. <i>Journal of Nutrition</i> , 2006 , 136, 11-5	4.1	150
254	Effects of capsaicin on induction of apoptosis and inhibition of adipogenesis in 3T3-L1 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 1730-6	5.7	144
253	Bioactivity and potential health benefits of licorice. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 542-53	5.7	143
252	Antioxidative activity of three herbal water extracts. <i>Food Chemistry</i> , 1997 , 60, 639-645	8.5	142
251	Effects of anthocyanidin on the inhibition of proliferation and induction of apoptosis in human gastric adenocarcinoma cells. <i>Food and Chemical Toxicology</i> , 2005 , 43, 1557-66	4.7	142
250	Oleanolic acid and ursolic acid induce apoptosis in HuH7 human hepatocellular carcinoma cells through a mitochondrial-dependent pathway and downregulation of XIAP. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6110-8	5.7	141
249	Neuroprotective effects of the citrus flavanones against H ₂ O ₂ -induced cytotoxicity in PC12 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 859-64	5.7	140
248	Antioxidant properties of <i>Antrodia camphorata</i> in submerged culture. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3322-7	5.7	140
247	Antioxidant and radical scavenging properties of extracts from <i>Ganoderma tsugae</i> . <i>Food Chemistry</i> , 1999 , 65, 375-379	8.5	139
246	Phenolic compounds: evidence for inhibitory effects against obesity and their underlying molecular signaling mechanisms. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 53-61	5.9	133
245	Glycyrrhizic acid and 18beta-glycyrrhetic acid inhibit inflammation via PI3K/Akt/GSK3beta signaling and glucocorticoid receptor activation. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8623-9	5.7	131

244	Inhibitory effect of phenolic acids on the proliferation of 3T3-L1 preadipocytes in relation to their antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4191-7	5.7	131
243	Antioxidant and cognitive promotion effects of anthocyanin-rich mulberry (<i>Morus atropurpurea</i> L.) on senescence-accelerated mice and prevention of Alzheimer's disease. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 598-605	6.3	130
242	Glycyrrhizic acid and 18 β -glycyrrhetic acid modulate lipopolysaccharide-induced inflammatory response by suppression of NF- κ B through PI3K p110 α and p110 β inhibitions. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 7726-33	5.7	129
241	Comparison of high pressure treatment and thermal pasteurization effects on the quality and shelf life of guava puree. <i>International Journal of Food Science and Technology</i> , 1996 , 31, 205-213	3.8	125
240	Antioxidant effects of dopamine and related compounds. <i>Bioscience, Biotechnology and Biochemistry</i> , 1997 , 61, 1646-9	2.1	124
239	Lucidenic acid inhibits PMA-induced invasion of human hepatoma cells through inactivating MAPK/ERK signal transduction pathway and reducing binding activities of NF-kappaB and AP-1. <i>Carcinogenesis</i> , 2008 , 29, 147-56	4.6	122
238	Induction of cell apoptosis in 3T3-L1 pre-adipocytes by flavonoids is associated with their antioxidant activity. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 1072-9	5.9	116
237	Effects of pu-erh tea on oxidative damage and nitric oxide scavenging. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 8169-76	5.7	110
236	Effects of phenolic acids on human phenolsulfotransferases in relation to their antioxidant activity. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1474-9	5.7	107
235	Antioxidant effects of water extracts from barley (<i>Hordeum vulgare</i> L.) prepared under different roasting temperatures. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1455-63	5.7	107
234	Protective effects of fermented filtrate from <i>Antrodia camphorata</i> in submerged culture against CCl ₄ -induced hepatic toxicity in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 1571-7	5.7	104
233	Du-Zhong (<i>Eucommia ulmoides</i> Oliv.) leaves inhibits CCl ₄ -induced hepatic damage in rats. <i>Food and Chemical Toxicology</i> , 2006 , 44, 1424-31	4.7	103
232	Antioxidant and Pro-Oxidant Effects of Various Tea Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 30-34	5.7	102
231	Inducing gene expression of cardiac antioxidant enzymes by dietary phenolic acids in rats. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 163-71	6.3	96
230	Antioxidant actions of du-zhong (<i>Eucommia ulmoides</i> Oliv.) toward oxidative damage in biomolecules. <i>Life Sciences</i> , 2000 , 66, 1387-400	6.8	96
229	Extraction and Identification of Antioxidant Components from the Leaves of Mulberry (<i>Morus alba</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 1687-1690	5.7	94
228	Anti-invasion effects of 6-shogaol and 6-gingerol, two active components in ginger, on human hepatocarcinoma cells. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 1618-27	5.9	93
227	Anti-inflammatory effects of phenolic compounds isolated from the fruits of <i>Artocarpus heterophyllus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4463-8	5.7	91

226	Pro-oxidative properties of flavonoids in human lymphocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003 , 67, 1215-22	2.1	89
225	Influence of seed roasting process on the changes in composition and quality of sesame (Sesame indicum) oil. <i>Journal of the Science of Food and Agriculture</i> , 1990 , 50, 563-570	4.3	89
224	Ursolic acid, a naturally occurring triterpenoid, suppresses migration and invasion of human breast cancer cells by modulating c-Jun N-terminal kinase, Akt and mammalian target of rapamycin signaling. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 1285-95	5.9	87
223	Naturally occurring flavonoids attenuate high glucose-induced expression of proinflammatory cytokines in human monocytic THP-1 cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 984-95	5.9	86
222	Evaluation of antioxidant activity and inhibitory effect on nitric oxide production of some common vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1680-6	5.7	86
221	Antioxidant efficacy of methanolic extracts of peanut hulls in soybean and peanut oils. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 1997 , 74, 745-748	1.8	85
220	Effect of sulforaphane on metallothionein expression and induction of apoptosis in human hepatoma HepG2 cells. <i>Carcinogenesis</i> , 2005 , 26, 2138-48	4.6	85
219	Antimutagenic and antimicrobial activities of pu-erh tea. <i>LWT - Food Science and Technology</i> , 2007 , 40, 506-512	5.4	84
218	Effects of resveratrol and 4-hexylresorcinol on hydrogen peroxide-induced oxidative DNA damage in human lymphocytes. <i>Free Radical Research</i> , 2003 , 37, 509-14	4	84
217	Simultaneous Analysis of Biogenic Amines in Canned Fish by HPLC. <i>Journal of Food Science</i> , 1991 , 56, 158-160	3.4	84
216	Antioxidant activity and active compounds of rice koji fermented with <i>Aspergillus candidus</i> . <i>Food Chemistry</i> , 2003 , 83, 49-54	8.5	82
215	Relationship between antimutagenic activity and major components of various teas. <i>Mutagenesis</i> , 1996 , 11, 37-41	2.8	80
214	Induction of apoptosis by the Anthocyanidins through regulation of Bcl-2 gene and activation of c-Jun N-terminal kinase cascade in hepatoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 1740-9	5.7	79
213	Suppression effect of soy isoflavones on nitric oxide production in RAW 264.7 macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1767-72	5.7	77
212	Catechin protects against ketoprofen-induced oxidative damage of the gastric mucosa by up-regulating Nrf2 in vitro and in vivo. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 475-83	6.3	76
211	The in vitro and in vivo experimental evidences disclose the chemopreventive effects of <i>Ganoderma lucidum</i> on cancer invasion and metastasis. <i>Clinical and Experimental Metastasis</i> , 2010 , 27, 361-9	4.7	76
210	Gallic acid induces apoptosis in 3T3-L1 pre-adipocytes via a Fas- and mitochondrial-mediated pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7359-65	5.7	76
209	Pterostilbene, a bioactive component of blueberries, suppresses the generation of breast cancer stem cells within tumor microenvironment and metastasis via modulating NF- κ B/microRNA 448 circuit. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1123-34	5.9	73

208	The protective effect of <i>Opuntia dillenii</i> Haw fruit against low-density lipoprotein peroxidation and its active compounds. <i>Food Chemistry</i> , 2008 , 106, 569-575	8.5	72
207	Reactive oxygen species scavenging activity of Du-zhong (<i>Eucommia ulmoides</i> Oliv.) and its active compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 3431-6	5.7	72
206	Neuroprotective effects of glycyrrhizic acid and 18beta-glycyrrhetic acid in PC12 cells via modulation of the PI3K/Akt pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 754-61	5.7	71
205	Antioxidant properties of water-soluble polysaccharides from <i>Antrodia cinnamomea</i> in submerged culture. <i>Food Chemistry</i> , 2007 , 104, 1115-1122	8.5	70
204	Antioxidant activity of phenolic compounds isolated from <i>Mesona procumbens</i> Hemsl. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2993-7	5.7	70
203	Protective effect of pine (<i>Pinus morrisonicola</i> Hay.) needle on LDL oxidation and its anti-inflammatory action by modulation of iNOS and COX-2 expression in LPS-stimulated RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2008 , 46, 175-85	4.7	69
202	Extraction and Identification of an Antioxidative Component from Jue Ming Zi (<i>Cassia tora</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 820-824	5.7	69
201	Molecular mechanism inhibiting human hepatocarcinoma cell invasion by 6-shogaol and 6-gingerol. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1304-14	5.9	68
200	Hepatoprotection of quercetin against oxidative stress by induction of metallothionein expression through activating MAPK and PI3K pathways and enhancing Nrf2 DNA-binding activity. <i>New Biotechnology</i> , 2011 , 28, 767-77	6.4	68
199	Cytoprotective effects of phenolic acids on methylglyoxal-induced apoptosis in Neuro-2A cells. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 940-9	5.9	68
198	Myrosinase activity and total glucosinolate content of cruciferous vegetables, and some properties of cabbage myrosinase in Taiwan. <i>Journal of the Science of Food and Agriculture</i> , 1993 , 61, 471-475	4.3	68
197	Extraction and identification of an antioxidative component from peanut hulls. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 1992 , 69, 814-818	1.8	66
196	Effects of flavonoids on the expression of the pro-inflammatory response in human monocytes induced by ligation of the receptor for AGEs. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 1129-39	5.9	63
195	Effects of polyphenolic compounds on tumor necrosis factor- α (TNF- α)-induced changes of adipokines and oxidative stress in 3T3-L1 adipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 546-51	5.7	62
194	Hsian-tsao (<i>Mesona procumbens</i> Heml.) prevents against rat liver fibrosis induced by CCl ₄ via inhibition of hepatic stellate cells activation. <i>Food and Chemical Toxicology</i> , 2008 , 46, 3707-13	4.7	62
193	Antioxidant properties of lotus seed and its effect on DNA damage in human lymphocytes. <i>Food Chemistry</i> , 2005 , 89, 379-385	8.5	62
192	Cytoprotective effects of hesperetin and hesperidin against amyloid β -induced impairment of glucose transport through downregulation of neuronal autophagy. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 601-9	5.9	61
191	Silymarin: a novel antioxidant with antiglycation and antiinflammatory properties in vitro and in vivo. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 353-66	8.4	61

190	Effects of alkaline and heat treatment on antioxidative activity and total phenolics of extracts from Hsian-tsao (<i>Mesona procumbens</i> Hemsl.). <i>Food Research International</i> , 2000 , 33, 487-492	7	61
189	Inhibitory effects of garcinol and pterostilbene on cell proliferation and adipogenesis in 3T3-L1 cells. <i>Food and Function</i> , 2012 , 3, 49-57	6.1	60
188	Effects of water-soluble carbohydrate concentrate from Chinese jujube on different intestinal and fecal indices. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 1734-9	5.7	60
187	Effect of diallyl sulfide on in vitro and in vivo Nrf2-mediated pulmonic antioxidant enzyme expression via activation ERK/p38 signaling pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 100-7	5.7	59
186	Evaluation of anti-invasion effect of resveratrol and related methoxy analogues on human hepatocarcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2886-94	5.7	59
185	Nitric oxide-scavenging and antioxidant effects of <i>Uraria crinita</i> root. <i>Food Chemistry</i> , 2001 , 74, 471-478	8.5	59
184	Glycative stress from advanced glycation end products (AGEs) and dicarbonyls: An emerging biological factor in cancer onset and progression. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1850-64	5.9	58
183	Modulation of Akt, JNK, and p38 activation is involved in citrus flavonoid-mediated cytoprotection of PC12 cells challenged by hydrogen peroxide. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2576-82	5.7	58
182	Antioxidant effects of extracts from <i>Cassia tora</i> L. prepared under different degrees of roasting on the oxidative damage to biomolecules. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1326-32	5.7	58
181	Oxidative stability of sesame oil prepared from sesame seed with different roasting temperatures. <i>Food Chemistry</i> , 1989 , 31, 215-224	8.5	58
180	Targeting cancer stem cells in breast cancer: potential anticancer properties of 6-shogaol and pterostilbene. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2432-41	5.7	57
179	Resveratrol analog-3,5,4-trimethoxy-trans-stilbene inhibits invasion of human lung adenocarcinoma cells by suppressing the MAPK pathway and decreasing matrix metalloproteinase-2 expression. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 407-16	5.9	57
178	The anti-invasive effect of lucidenic acids isolated from a new <i>Ganoderma lucidum</i> strain. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1472-7	5.9	57
177	Effects of cooking oil fumes on the genotoxicity and oxidative stress in human lung carcinoma (A-549) cells. <i>Toxicology in Vitro</i> , 2004 , 18, 571-80	3.6	57
176	Quercetin facilitates cell death and chemosensitivity through RAGE/PI3K/AKT/mTOR axis in human pancreatic cancer cells. <i>Journal of Food and Drug Analysis</i> , 2019 , 27, 887-896	7	55
175	Protective Effects of Glycyrrhizic Acid and 18 β -Glycyrrhetic Acid against Cisplatin-Induced Nephrotoxicity in BALB/c Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 1200-1209	5.7	55
174	Antioxidant activities of phenolic acids on ultraviolet radiation-induced erythrocyte and low density lipoprotein oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6151-5	5.7	55
173	Identification of an antioxidant, ethyl protocatechuate, in peanut seed testa. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 2380-3	5.7	55

172	Changes in volatile flavor components of guava juice with high-pressure treatment and heat processing and during storage. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 2082-7	5.7	55
171	Inhibitory effects of ganoderma lucidum on tumorigenesis and metastasis of human hepatoma cells in cells and animal models. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5049-57	5.7	54
170	Beneficial effects of Camellia Oil (Camellia oleifera Abel.) on ketoprofen-induced gastrointestinal mucosal damage through upregulation of HO-1 and VEGF. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 642-50	5.7	53
169	Mechanisms of apoptotic effects induced by resveratrol, dibenzoylmethane, and their analogues on human lung carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 5235-43	5.7	53
168	Protective effects of anthocyanins against amyloid β -peptide-induced damage in neuro-2A cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 1683-9	5.7	52
167	Comparison of Antimutagenic Effect of Various Tea Extracts (Green, Oolong, Pouchong, and Black Tea). <i>Journal of Food Protection</i> , 1994 , 57, 54-58	2.5	51
166	The inhibitory effect of pterostilbene on inflammatory responses during the interaction of 3T3-L1 adipocytes and RAW 264.7 macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 602-10	5.7	50
165	Antioxidant properties of water extracts from Cassia tora L. in relation to the degree of roasting. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 2760-5	5.7	50
164	Monosodium urate crystals trigger Nrf2- and heme oxygenase-1-dependent inflammation in THP-1 cells. <i>Cellular and Molecular Immunology</i> , 2015 , 12, 424-34	15.4	48
163	Antioxidant and anti-inflammatory effects of Orthosiphon aristatus and its bioactive compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2150-6	5.7	48
162	Antioxidant activity of mung bean hulls. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 1997 , 74, 1059-1063	1.8	48
161	Preventive effects of guava (Psidium guajava L.) leaves and its active compounds against Edicarbonyl compounds-induced blood coagulation. <i>Food Chemistry</i> , 2007 , 103, 528-535	8.5	48
160	Genotoxicity and oxidative stress of the mutagenic compounds formed in fumes of heated soybean oil, sunflower oil and lard. <i>Toxicology in Vitro</i> , 2006 , 20, 439-47	3.6	48
159	Antimutagenicity of a partially fractionated Maillard reaction product. <i>Food Chemistry</i> , 1993 , 47, 11-15	8.5	48
158	Mycelia from Antrodia camphorata in Submerged culture induce apoptosis of human hepatoma HepG2 cells possibly through regulation of Fas pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5559-64	5.7	46
157	Induction of apoptosis in human hepatoma cells by mycelia of Antrodia camphorata in submerged culture. <i>Journal of Ethnopharmacology</i> , 2005 , 100, 158-67	5	45
156	Inhibition of reactive nitrogen species effects in vitro and in vivo by isoflavones and soy-based food extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 7892-900	5.7	43
155	Protective Effect of Camellia Oil (Camellia oleifera Abel.) against Ethanol-Induced Acute Oxidative Injury of the Gastric Mucosa in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4932-4941	5.7	42

154	Sulforaphane potentiates the efficacy of imatinib against chronic leukemia cancer stem cells through enhanced abrogation of Wnt/ β -catenin function. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 7031-9	5.7	42
153	Scavenging effects of lotus seed extracts on reactive nitrogen species. <i>Food Chemistry</i> , 2006 , 94, 596-608	5.5	42
152	Inhibitory effect of isoflavones on peroxynitrite-mediated low-density lipoprotein oxidation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002 , 66, 22-8	2.1	41
151	Mutagenicity and identification of mutagenic compounds of fumes obtained from heating peanut oil. <i>Journal of Food Protection</i> , 2001 , 64, 240-5	2.5	41
150	Inhibitory effect of vanillic acid on methylglyoxal-mediated glycation in apoptotic Neuro-2A cells. <i>NeuroToxicology</i> , 2008 , 29, 1016-22	4.4	40
149	The hepatoprotective effect of <i>Phyllanthus emblica</i> L. fruit on high fat diet-induced non-alcoholic fatty liver disease (NAFLD) in SD rats. <i>Food and Function</i> , 2017 , 8, 842-850	6.1	39
148	Anticancer effects of flavonoid derivatives isolated from <i>Millettia reticulata</i> Benth in SK-Hep-1 human hepatocellular carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 814-20	5.7	39
147	Perspective of Advanced Glycation End Products on Human Health. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 2065-2070	5.7	38
146	Protective effect of <i>Mesona procumbens</i> against tert-butyl hydroperoxide-induced acute hepatic damage in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 4121-7	5.7	38
145	Antigenotoxic properties of Cassia tea (<i>Cassia tora</i> L.): mechanism of action and the influence of roasting process. <i>Life Sciences</i> , 2004 , 76, 85-101	6.8	38
144	Extraction and Identification of Antioxidative Components of Hsian-tsao (<i>Mesona procumbens</i> Hemsl.). <i>LWT - Food Science and Technology</i> , 2001 , 34, 306-311	5.4	38
143	A comparative study on the effectiveness of cis- and trans-form of cinnamic acid treatments for inhibiting invasive activity of human lung adenocarcinoma cells. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 281-7	5.1	37
142	Cytotoxic effects of new geranyl chalcone derivatives isolated from the leaves of <i>Artocarpus communis</i> in SW 872 human liposarcoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 8859-8868	5.7	37
141	Involvement of p38 MAPK and Nrf2 in phenolic acid-induced P-form phenol sulfotransferase expression in human hepatoma HepG2 cells. <i>Carcinogenesis</i> , 2006 , 27, 1008-17	4.6	37
140	Investigation on the lipid- and cholesterol-lowering abilities of biocellulose. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 2291-5	5.7	35
139	Hepatoprotection by freshwater clam extract against CCl ₄ -induced hepatic damage in rats. <i>The American Journal of Chinese Medicine</i> , 2010 , 38, 881-94	6	34
138	Anti-inflammatory effects of the roots of <i>Alpinia pricei</i> Hayata and its phenolic compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7673-80	5.7	34
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