

Min-Hsiung Pan

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287
papers

12,289
citations

58
h-index

98
g-index

311
ext. papers

13,782
ext. citations

5.3
avg, IF

6.45
L-index

#	Paper	IF	Citations
287	Stability of curcumin in buffer solutions and characterization of its degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997 , 15, 1867-76	3.5	1177
286	Anti-inflammatory activity of natural dietary flavonoids. <i>Food and Function</i> , 2010 , 1, 15-31	6.1	371
285	Comparative studies on the suppression of nitric oxide synthase by curcumin and its hydrogenated metabolites through down-regulation of IkappaB kinase and NFkappaB activation in macrophages. <i>Biochemical Pharmacology</i> , 2000 , 60, 1665-76	6	300
284	Chemopreventive effects of natural dietary compounds on cancer development. <i>Chemical Society Reviews</i> , 2008 , 37, 2558-74	58.5	254
283	Suppression of lipopolysaccharide-induced nuclear factor-kappaB activity by theaflavin-3,3'-digallate from black tea and other polyphenols through down-regulation of IkappaB kinase activity in macrophages. <i>Biochemical Pharmacology</i> , 2000 , 59, 357-67	6	218
282	Modulation of inflammatory genes by natural dietary bioactive compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 4467-77	5.7	191
281	Induction of apoptosis by garcinol and curcumin through cytochrome c release and activation of caspases in human leukemia HL-60 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1464-74	5.7	185
280	Chemistry and health effects of polymethoxyflavones and hydroxylated polymethoxyflavones. <i>Journal of Functional Foods</i> , 2009 , 1, 2-12	5.1	184
279	Black tea: chemical analysis and stability. <i>Food and Function</i> , 2013 , 4, 10-8	6.1	163
278	Trapping reactions of reactive carbonyl species with tea polyphenols in simulated physiological conditions. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 1118-28	5.9	155
277	Pterostilbene is more potent than resveratrol in preventing azoxymethane (AOM)-induced colon tumorigenesis via activation of the NF-E2-related factor 2 (Nrf2)-mediated antioxidant signaling pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2725-33	5.7	153
276	Tangeretin induces cell-cycle G1 arrest through inhibiting cyclin-dependent kinases 2 and 4 activities as well as elevating Cdk inhibitors p21 and p27 in human colorectal carcinoma cells. <i>Carcinogenesis</i> , 2002 , 23, 1677-84	4.6	152
275	Recent studies on the biofunctions and biotransformations of curcumin. <i>BioFactors</i> , 2000 , 13, 153-8	6.1	141
274	Anti-inflammatory activity of lipophilic epigallocatechin gallate (EGCG) derivatives in LPS-stimulated murine macrophages. <i>Food Chemistry</i> , 2012 , 134, 742-8	8.5	139
273	6-Shogaol suppressed lipopolysaccharide-induced up-expression of iNOS and COX-2 in murine macrophages. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 1467-77	5.9	135
272	Molecular mechanisms for chemoprevention of colorectal cancer by natural dietary compounds. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 32-45	5.9	132
271	6-Shogaol induces apoptosis in human colorectal carcinoma cells via ROS production, caspase activation, and GADD 153 expression. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 527-37	5.9	130

270	Isolation and syntheses of polymethoxyflavones and hydroxylated polymethoxyflavones as inhibitors of HL-60 cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3381-9	3.4	129
269	Increased growth inhibitory effects on human cancer cells and anti-inflammatory potency of shogaols from <i>Zingiber officinale</i> relative to gingerols. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 10645-50	5.7	128
268	Developmental exposure to decabromodiphenyl ether (PBDE 209): effects on thyroid hormone and hepatic enzyme activity in male mouse offspring. <i>Chemosphere</i> , 2008 , 70, 640-7	8.4	126
267	Acacetin suppressed LPS-induced up-expression of iNOS and COX-2 in murine macrophages and TPA-induced tumor promotion in mice. <i>Biochemical Pharmacology</i> , 2006 , 72, 1293-303	6	122
266	Pterostilbene induces apoptosis and cell cycle arrest in human gastric carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 7777-85	5.7	118
265	Anti-inflammatory property of the urinary metabolites of nobiletin in mouse. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 5177-81	2.9	117
264	Pterostilbene inhibited tumor invasion via suppressing multiple signal transduction pathways in human hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2009 , 30, 1234-42	4.6	113
263	Flavonoids and phenolic compounds from <i>Rosmarinus officinalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5363-7	5.7	110
262	Black garlic: A critical review of its production, bioactivity, and application. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 62-70	7	109
261	Determination of flavonoids by LC/MS and anti-inflammatory activity in <i>Moringa oleifera</i> . <i>Journal of Functional Foods</i> , 2013 , 5, 1892-1899	5.1	107
260	Phytochemistry, antioxidant capacity, total phenolic content and anti-inflammatory activity of <i>Hibiscus sabdariffa</i> leaves. <i>Food Chemistry</i> , 2016 , 190, 673-680	8.5	104
259	EGCG inhibits protein synthesis, lipogenesis, and cell cycle progression through activation of AMPK in p53 positive and negative human hepatoma cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 1156-65	5.9	93
258	Inhibitory effect of citrus 5-hydroxy-3,6,7,8,3',4'-hexamethoxyflavone on 12-O-tetradecanoylphorbol 13-acetate-induced skin inflammation and tumor promotion in mice. <i>Carcinogenesis</i> , 2007 , 28, 2581-8	4.6	93
257	Nicotine-induced human breast cancer cell proliferation attenuated by g Garcinol through down-regulation of the nicotinic receptor and cyclin D3 proteins. <i>Breast Cancer Research and Treatment</i> , 2011 , 125, 73-87	4.4	92
256	Reactivity and stability of selected flavor compounds. <i>Journal of Food and Drug Analysis</i> , 2015 , 23, 176-190	9.1	91
255	Inhibitory effects of 5-hydroxy polymethoxyflavones on colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 2, S244-52	5.9	89
254	Postnatal exposure of the male mouse to 2,2',3,3',4,4',5,5',6,6'-decabrominated diphenyl ether: decreased epididymal sperm functions without alterations in DNA content and histology in testis. <i>Toxicology</i> , 2006 , 224, 33-43	4.4	88
253	Induction of apoptosis by shikonin through coordinative modulation of the Bcl-2 family, p27, and p53, release of cytochrome c, and sequential activation of caspases in human colorectal carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 6330-7	5.7	88

252	Induction of apoptosis by the oolong tea polyphenol theasinensin A through cytochrome c release and activation of caspase-9 and caspase-3 in human U937 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 6337-46	5.7	88
251	Food bioactives, apoptosis, and cancer. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 43-52	5.9	83
250	Pterostilbene suppressed lipopolysaccharide-induced up-expression of iNOS and COX-2 in murine macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7502-9	5.7	81
249	Tetrahydrocurcumin, a major metabolite of curcumin, induced autophagic cell death through coordinative modulation of PI3K/Akt-mTOR and MAPK signaling pathways in human leukemia HL-60 cells. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1646-54	5.9	80
248	Xanthigen suppresses preadipocyte differentiation and adipogenesis through down-regulation of PPAR α and C/EBPs and modulation of SIRT-1, AMPK, and FoxO pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 1094-101	5.7	77
247	Metabolic and colonic microbiota transformation may enhance the bioactivities of dietary polyphenols. <i>Journal of Functional Foods</i> , 2014 , 7, 3-25	5.1	76
246	Peracetylated (-)-epigallocatechin-3-gallate (AcEGCG) potently suppresses dextran sulfate sodium-induced colitis and colon tumorigenesis in mice. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 3441-51	5.7	76
245	Anti-inflammatory and antitumor promotional effects of a novel urinary metabolite, 3',4'-didemethylnobiletin, derived from nobiletin. <i>Carcinogenesis</i> , 2008 , 29, 2415-24	4.6	75
244	Rosmanol potently inhibits lipopolysaccharide-induced iNOS and COX-2 expression through downregulating MAPK, NF-kappaB, STAT3 and C/EBP signaling pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 10990-8	5.7	73
243	Tetrahydrocurcumin is more effective than curcumin in preventing azoxymethane-induced colon carcinogenesis. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1819-28	5.9	72
242	6-Shogaol is more effective than 6-gingerol and curcumin in inhibiting 12-O-tetradecanoylphorbol 13-acetate-induced tumor promotion in mice. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 1296-306	5.9	69
241	Induction of apoptosis by luteolin through cleavage of Bcl-2 family in human leukemia HL-60 cells. <i>European Journal of Pharmacology</i> , 2005 , 509, 1-10	5.3	68
240	Molecular mechanisms of the anti-obesity effect of bioactive compounds in tea and coffee. <i>Food and Function</i> , 2016 , 7, 4481-4491	6.1	68
239	3,5,4'-Trimethoxystilbene, a natural methoxylated analog of resveratrol, inhibits breast cancer cell invasiveness by downregulation of PI3K/Akt and Wnt/ β -catenin signaling cascades and reversal of epithelial-mesenchymal transition. <i>Toxicology and Applied Pharmacology</i> , 2013 , 272, 746-56	4.6	64
238	Activation of AMPK by pterostilbene suppresses lipogenesis and cell-cycle progression in p53 positive and negative human prostate cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6399-407	5.7	64
237	Tea polyphenol (-)-epigallocatechin-3-gallate inhibits nicotine- and estrogen-induced β -nicotinic acetylcholine receptor upregulation in human breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 455-66	5.9	64
236	Chemoprevention of nonalcoholic fatty liver disease by dietary natural compounds. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 147-71	5.9	63
235	Tea polyphenol (-)-epigallocatechin 3-gallate suppresses heregulin-beta1-induced fatty acid synthase expression in human breast cancer cells by inhibiting phosphatidylinositol 3-kinase/Akt and mitogen-activated protein kinase cascade signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 5030-7	5.7	63

234	Flavonolignans and other constituents from <i>Lepidium meyenii</i> with activities in anti-inflammation and human cancer cell lines. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2458-63	5.7	62
233	Sesquiterpene lactones from <i>Inula britannica</i> and their cytotoxic and apoptotic effects on human cancer cell lines. <i>Journal of Natural Products</i> , 2006 , 69, 531-5	4.9	62
232	Chemistry and health beneficial effects of oolong tea and theasinensins. <i>Food Science and Human Wellness</i> , 2015 , 4, 133-146	8.3	61
231	Reactive dicarbonyl compounds and 5-(hydroxymethyl)-2-furfural in carbonated beverages containing high fructose corn syrup. <i>Food Chemistry</i> , 2008 , 107, 1099-1105	8.5	61
230	Acacetin induces apoptosis in human gastric carcinoma cells accompanied by activation of caspase cascades and production of reactive oxygen species. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 620-30	5.7	58
229	Chemical studies on antioxidant mechanism of garcinol: analysis of radical reaction products of garcinol and their antitumor activities. <i>Tetrahedron</i> , 2001 , 57, 9931-9938	2.4	58
228	5-Hydroxy-3,6,7,8,3',4'-hexamethoxyflavone induces apoptosis through reactive oxygen species production, growth arrest and DNA damage-inducible gene 153 expression, and caspase activation in human leukemia cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 5081-91	5.7	56
227	Chemical studies on antioxidant mechanism of garcinol: analysis of radical reaction products of garcinol with peroxy radicals and their antitumor activities. <i>Tetrahedron</i> , 2002 , 58, 10095-10102	2.4	56
226	Antitumor activity of 3,5,4'-trimethoxystilbene in COLO 205 cells and xenografts in SCID mice. <i>Molecular Carcinogenesis</i> , 2008 , 47, 184-96	5	53
225	Piceatannol Exerts Anti-Obesity Effects in C57BL/6 Mice through Modulating Adipogenic Proteins and Gut Microbiota. <i>Molecules</i> , 2016 , 21,	4.8	53
224	Chemopreventative effects of tetrahydrocurcumin on human diseases. <i>Food and Function</i> , 2014 , 5, 12-7	6.1	51
223	Rosmanol potently induces apoptosis through both the mitochondrial apoptotic pathway and death receptor pathway in human colon adenocarcinoma COLO 205 cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 485-93	4.7	51
222	Epigenetic and disease targets by polyphenols. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6156-85	3.3	51
221	Black tea in chemo-prevention of cancer and other human diseases. <i>Food Science and Human Wellness</i> , 2013 , 2, 12-21	8.3	50
220	Potent anti-cancer effects of citrus peel flavonoids in human prostate xenograft tumors. <i>Food and Function</i> , 2013 , 4, 944-9	6.1	50
219	Anti-inflammatory activity of traditional Chinese medicinal herbs. <i>Journal of Traditional and Complementary Medicine</i> , 2011 , 1, 8-24	4.6	50
218	Combination treatment with luteolin and quercetin enhances antiproliferative effects in nicotine-treated MDA-MB-231 cells by down-regulating nicotinic acetylcholine receptors. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 235-41	5.7	50
217	Hexavalent chromium induced ROS formation, Akt, NF-kappaB, and MAPK activation, and TNF-alpha and IL-1alpha production in keratinocytes. <i>Toxicology Letters</i> , 2010 , 198, 216-24	4.4	50

216	Chemopreventive Effects of Phytochemicals and Medicines on M1/M2 Polarized Macrophage Role in Inflammation-Related Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	49
215	LC-MS method for the simultaneous quantitation of the anti-inflammatory constituents in oregano (<i>Origanum species</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 7119-25	5.7	49
214	Suppression of adipogenesis and obesity in high-fat induced mouse model by hydroxylated polymethoxyflavones. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10320-8	5.7	48
213	Inhibitory effect of magnolol on TPA-induced skin inflammation and tumor promotion in mice. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5777-83	5.7	48
212	Dihydrolipoic acid inhibits skin tumor promotion through anti-inflammation and anti-oxidation. <i>Biochemical Pharmacology</i> , 2007 , 73, 1786-95	6	48
211	Sperm DNA damage correlates with polycyclic aromatic hydrocarbons biomarker in coke-oven workers. <i>International Archives of Occupational and Environmental Health</i> , 2006 , 79, 349-56	3.2	48
210	Chemopreventive effects of pterostilbene on urethane-induced lung carcinogenesis in mice via the inhibition of EGFR-mediated pathways and the induction of apoptosis and autophagy. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11533-41	5.7	47
209	Multistage carcinogenesis process as molecular targets in cancer chemoprevention by epicatechin-3-gallate. <i>Food and Function</i> , 2011 , 2, 101-10	6.1	47
208	Induction of apoptosis by penta-O-galloyl-beta-D-glucose through activation of caspase-3 in human leukemia HL-60 cells. <i>European Journal of Pharmacology</i> , 1999 , 381, 171-83	5.3	47
207	Molecular mechanisms for anti-aging by natural dietary compounds. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 88-115	5.9	46
206	The p53-, Bax- and p21-dependent inhibition of colon cancer cell growth by 5-hydroxy polymethoxyflavones. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 613-22	5.9	46
205	3,5,3',4',5'-pentamethoxystilbene (MR-5), a synthetically methoxylated analogue of resveratrol, inhibits growth and induces G1 cell cycle arrest of human breast carcinoma MCF-7 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 226-34	5.7	45
204	Pterostilbene inhibits colorectal aberrant crypt foci (ACF) and colon carcinogenesis via suppression of multiple signal transduction pathways in azoxymethane-treated mice. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8833-41	5.7	45
203	Chemoprevention by resveratrol and pterostilbene: Targeting on epigenetic regulation. <i>BioFactors</i> , 2018 , 44, 26-35	6.1	45
202	Induction of apoptosis by <i>Uncaria tomentosa</i> through reactive oxygen species production, cytochrome c release, and caspases activation in human leukemia cells. <i>Food and Chemical Toxicology</i> , 2007 , 45, 2206-18	4.7	44
201	Citrus peel extracts attenuated obesity and modulated gut microbiota in mice with high-fat diet-induced obesity. <i>Food and Function</i> , 2018 , 9, 3363-3373	6.1	44
200	In vitro and in vivo anti-cancer activity of tangeretin against colorectal cancer was enhanced by emulsion-based delivery system. <i>Journal of Functional Foods</i> , 2015 , 15, 264-273	5.1	42
199	Peracetylated (-)-epigallocatechin-3-gallate (AcEGCG) potently prevents skin carcinogenesis by suppressing the PKD1-dependent signaling pathway in CD34+ skin stem cells and skin tumors. <i>Carcinogenesis</i> , 2013 , 34, 1315-22	4.6	42

198	P53-dependent downregulation of hTERT protein expression and telomerase activity induces senescence in lung cancer cells as a result of pterostilbene treatment. <i>Cell Death and Disease</i> , 2017 , 8, e2985	9.8	42
197	Chemoprevention of colonic tumorigenesis by dietary hydroxylated polymethoxyflavones in azoxymethane-treated mice. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 278-90	5.9	42
196	Garcinol inhibits cell growth in hepatocellular carcinoma Hep3B cells through induction of ROS-dependent apoptosis. <i>Food and Function</i> , 2010 , 1, 301-7	6.1	42
195	Flavonoids from <i>Rabdosia rubescens</i> exert anti-inflammatory and growth inhibitory effect against human leukemia HL-60 cells. <i>Food Chemistry</i> , 2010 , 122, 831-835	8.5	41
194	Cellular models for the evaluation of the antiobesity effect of selected phytochemicals from food and herbs. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 100-110	7	39
193	Pterostilbene, a natural analogue of resveratrol, potently inhibits 7,12-dimethylbenz[a]anthracene (DMBA)/12-O-tetradecanoylphorbol-13-acetate (TPA)-induced mouse skin carcinogenesis. <i>Food and Function</i> , 2012 , 3, 1185-94	6.1	39
192	Ling-Zhi polysaccharides potentiate cytotoxic effects of anticancer drugs against drug-resistant urothelial carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 8798-805	5.7	39
191	Exposure in utero to 2,2',3,3',4,6'-hexachlorobiphenyl (PCB 132) impairs sperm function and alters testicular apoptosis-related gene expression in rat offspring. <i>Toxicology and Applied Pharmacology</i> , 2007 , 221, 68-75	4.6	39
190	Anti-inflammatory effect of <i>Momordica grosvenori</i> Swingle extract through suppressed LPS-induced upregulation of iNOS and COX-2 in murine macrophages. <i>Journal of Functional Foods</i> , 2009 , 1, 145-152	5.1	38
189	Magnolol potently suppressed lipopolysaccharide-induced iNOS and COX-2 expression via downregulating MAPK and NF- κ B signaling pathways. <i>Journal of Functional Foods</i> , 2011 , 3, 198-206	5.1	38
188	Recent advances in cancer chemoprevention with phytochemicals. <i>Journal of Food and Drug Analysis</i> , 2020 , 28, 14-37	7	38
187	Antiobesity molecular mechanisms of action: Resveratrol and pterostilbene. <i>BioFactors</i> , 2018 , 44, 50-60	6.1	37
186	Directly interact with Keap1 and LPS is involved in the anti-inflammatory mechanisms of (-)-epicatechin-3-gallate in LPS-induced macrophages and endotoxemia. <i>Free Radical Biology and Medicine</i> , 2016 , 94, 1-16	7.8	35
185	Garcinol suppresses inflammation-associated colon carcinogenesis in mice. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1820-9	5.9	35
184	Developmental exposure to decabrominated diphenyl ether (BDE-209): effects on sperm oxidative stress and chromatin DNA damage in mouse offspring. <i>Environmental Toxicology</i> , 2013 , 28, 380-9	4.2	35
183	Protective effects of epigallocatechin gallate (EGCG) derivatives on azoxymethane-induced colonic carcinogenesis in mice. <i>Journal of Functional Foods</i> , 2012 , 4, 323-330	5.1	35
182	Resveratrol modulates MED28 (Magacin/EG-1) expression and inhibits epidermal growth factor (EGF)-induced migration in MDA-MB-231 human breast cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 11853-61	5.7	35
181	CEBPB reverses RB/E2F1-mediated gene repression and participates in HMDB-induced apoptosis of cancer cells. <i>Clinical Cancer Research</i> , 2010 , 16, 5770-80	12.9	35

180	Ent-kaurane diterpenoids from <i>Rabdosia rubescens</i> and their cytotoxic effects on human cancer cell lines. <i>Planta Medica</i> , 2010 , 76, 140-5	3.1	35
179	Occurrence, Bioavailability, Anti-inflammatory, and Anticancer Effects of Pterostilbene. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 12788-12799	5.7	33
178	Role of macrophage CCAAT/enhancer binding protein delta in the pathogenesis of rheumatoid arthritis in collagen-induced arthritic mice. <i>PLoS ONE</i> , 2012 , 7, e45378	3.7	33
177	Anti-obesity molecular mechanism of soy isoflavones: weaving the way to new therapeutic routes. <i>Food and Function</i> , 2017 , 8, 3831-3846	6.1	32
176	Antitumor Activity of Garcinol in Human Prostate Cancer Cells and Xenograft Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 9047-52	5.7	32
175	Pterostilbene inhibits dimethylnitrosamine-induced liver fibrosis in rats. <i>Food Chemistry</i> , 2013 , 138, 802-8.5	8.5	32
174	Induction of apoptosis by cinnamaldehyde from indigenous cinnamon <i>Cinnamomum osmophloeum</i> Kaneh through reactive oxygen species production, glutathione depletion, and caspase activation in human leukemia K562 cells. <i>Food Chemistry</i> , 2007 , 103, 434-443	8.5	32
173	Immature <i>Citrus reticulata</i> Extract Promotes Browning of Beige Adipocytes in High-Fat Diet-Induced C57BL/6 Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 9697-9703	5.7	31
172	Disease chemopreventive effects and molecular mechanisms of hydroxylated polymethoxyflavones. <i>BioFactors</i> , 2015 , 41, 301-13	6.1	31
171	Involvement of MAPK, Bcl-2 family, cytochrome c, and caspases in induction of apoptosis by 1,6-O-diacetylbritannilactone in human leukemia cells. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 229-38	5.9	31
170	Calebin-A inhibits adipogenesis and hepatic steatosis in high-fat diet-induced obesity via activation of AMPK signaling. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1883-95	5.9	29
169	Molecular mechanism on functional food bioactives for anti-obesity. <i>Current Opinion in Food Science</i> , 2015 , 2, 9-13	9.8	29
168	Combination of citrus polymethoxyflavones, green tea polyphenols, and Lychee extracts suppresses obesity and hepatic steatosis in high-fat diet induced obese mice. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1601104	5.9	29
167	Breast cancer chemoprevention by dietary natural phenolic compounds: specific epigenetic related molecular targets. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 21-35	5.9	28
166	The inhibitory effects of 5-hydroxy-3,6,7,8,3',4'-hexamethoxyflavone on human colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1523-32	5.9	28
165	Induction of apoptosis by [8]-shogaol via reactive oxygen species generation, glutathione depletion, and caspase activation in human leukemia cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3847-54	5.7	28
164	Nobiletin Prevents Trimethylamine Oxide-Induced Vascular Inflammation via Inhibition of the NF- κ B/MAPK Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 6169-6176	5.7	27
163	Oolong Tea Extract and Citrus Peel Polymethoxyflavones Reduce Transformation of l-Carnitine to Trimethylamine-Oxide and Decrease Vascular Inflammation in l-Carnitine Feeding Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 7869-7879	5.7	27

162	Effective suppression of azoxymethane-induced aberrant crypt foci formation in mice with citrus peel flavonoids. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 551-5	5.9	27
161	Se-Allylselenocysteine induces autophagy by modulating the AMPK/mTOR signaling pathway and epigenetic regulation of PCDH17 in human colorectal adenocarcinoma cells. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2511-22	5.9	27
160	Citrus flavonoid 5-demethylnobiletin suppresses scavenger receptor expression in THP-1 cells and alters lipid homeostasis in HepG2 liver cells. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 733-48	5.9	27
159	Lipoxygenase from banana leaf: purification and characterization of an enzyme that catalyzes linoleic acid oxygenation at the 9-position. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3151-6	5.7	27
158	Induction of apoptosis by hydroxydibenzoylmethane through coordinative modulation of cyclin D3, Bcl-X(L), and Bax, release of cytochrome c, and sequential activation of caspases in human colorectal carcinoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 3977-84	5.7	27
157	Garcinol Reduces Obesity in High-Fat-Diet-Fed Mice by Modulating Gut Microbiota Composition. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800390	5.9	27
156	Nobiletin metabolite, 3',4'-dihydroxy-5,6,7,8-tetramethoxyflavone, inhibits LDL oxidation and down-regulates scavenger receptor expression and activity in THP-1 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 114-26	5	26
155	Apoptosis-inducing active components from <i>Corbicula fluminea</i> through activation of caspase-2 and production of reactive oxygen species in human leukemia HL-60 cells. <i>Food and Chemical Toxicology</i> , 2006 , 44, 1261-72	4.7	26
154	Potent anti-cancer effect of 3'-hydroxypterostilbene in human colon xenograft tumors. <i>PLoS ONE</i> , 2014 , 9, e111814	3.7	26
153	Regulation of Obesity and Metabolic Complications by Gamma and Delta Tocotrienols. <i>Molecules</i> , 2016 , 21, 344	4.8	26
152	Garcinol sensitizes breast cancer cells to Taxol through the suppression of caspase-3/iPLA and NF- κ B/ Twist1 signaling pathways in a mouse 4T1 breast tumor model. <i>Food and Function</i> , 2017 , 8, 1067-1079	6.1	25
151	Chemopreventive effect of natural dietary compounds on xenobiotic-induced toxicity. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 176-186	7	25
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