

Shengmin Sang

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196
papers

9,474
citations

54
h-index

89
g-index

198
ext. papers

10,568
ext. citations

4.7
avg, IF

6.3
L-index

#	Paper	IF	Citations
196	Modulation of arachidonic acid metabolism by curcumin and related beta-diketone derivatives: effects on cytosolic phospholipase A(2), cyclooxygenases and 5-lipoxygenase. <i>Carcinogenesis</i> , 2004 , 25, 1671-9	4.6	306
195	The chemistry and biotransformation of tea constituents. <i>Pharmacological Research</i> , 2011 , 64, 87-99	10.2	291
194	Hepatotoxicity of high oral dose (-)-epigallocatechin-3-gallate in mice. <i>Food and Chemical Toxicology</i> , 2010 , 48, 409-16	4.7	274
193	Stability of tea polyphenol (-)-epigallocatechin-3-gallate and formation of dimers and epimers under common experimental conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9478-84	5.7	263
192	Mechanism of action of (-)-epigallocatechin-3-gallate: auto-oxidation-dependent inactivation of epidermal growth factor receptor and direct effects on growth inhibition in human esophageal cancer KYSE 150 cells. <i>Cancer Research</i> , 2005 , 65, 8049-56	10.1	236
191	Identification and characterization of methylated and ring-fission metabolites of tea catechins formed in humans, mice, and rats. <i>Chemical Research in Toxicology</i> , 2002 , 15, 1042-50	4	216
190	Antioxidative and anti-carcinogenic activities of tea polyphenols. <i>Archives of Toxicology</i> , 2009 , 83, 11-21	5.8	210
189	Antioxidative phenolic compounds isolated from almond skins (<i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2459-63	5.7	209
188	Tea and cancer prevention: molecular mechanisms and human relevance. <i>Toxicology and Applied Pharmacology</i> , 2007 , 224, 265-73	4.6	202
187	Glucuronides of tea catechins: enzymology of biosynthesis and biological activities. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 452-61	4	194
186	Possible controversy over dietary polyphenols: benefits vs risks. <i>Chemical Research in Toxicology</i> , 2007 , 20, 583-5	4	187
185	Biotransformation of green tea polyphenols and the biological activities of those metabolites. <i>Molecular Pharmaceutics</i> , 2007 , 4, 819-25	5.6	169
184	Quercetin inhibits advanced glycation end product formation by trapping methylglyoxal and glyoxal. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 12152-8	5.7	158
183	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
182	Tea polyphenol (-)-epigallocatechin-3-gallate: a new trapping agent of reactive dicarbonyl species. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1862-70	4	149
181	Bioactive phytochemicals in barley. <i>Journal of Food and Drug Analysis</i> , 2017 , 25, 148-161	7	144
180	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

179	Apple polyphenols, phloretin and phloridzin: new trapping agents of reactive dicarbonyl species. <i>Chemical Research in Toxicology</i> , 2008 , 21, 2042-50	4	134
178	Metabolism and pharmacokinetics of resveratrol and pterostilbene. <i>BioFactors</i> , 2018 , 44, 16-25	6.1	128
177	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
176	Peracetylation as a means of enhancing in vitro bioactivity and bioavailability of epigallocatechin-3-gallate. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 2111-6	4	124
175	Analysis of theaflavins and thearubigins from black tea extract by MALDI-TOF mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 2455-61	5.7	119
174	Genistein inhibits advanced glycation end product formation by trapping methylglyoxal. <i>Chemical Research in Toxicology</i> , 2011 , 24, 579-86	4	117
173	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
172	Autoxidative quinone formation in vitro and metabolite formation in vivo from tea polyphenol (-)-epigallocatechin-3-gallate: studied by real-time mass spectrometry combined with tandem mass ion mapping. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 362-71	7.8	112
171	Enzymatic synthesis of tea theaflavin derivatives and their anti-inflammatory and cytotoxic activities. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 459-67	3.4	112
170	Essential Structural Requirements and Additive Effects for Flavonoids to Scavenge Methylglyoxal. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 3202-3210	5.7	100
169	Redox properties of tea polyphenols and related biological activities. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1704-14	8.4	93
168	New prenylated benzoic acid and other constituents from almond hulls (<i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 607-9	5.7	93
167	Garcinol modulates tyrosine phosphorylation of FAK and subsequently induces apoptosis through down-regulation of Src, ERK, and Akt survival signaling in human colon cancer cells. <i>Journal of Cellular Biochemistry</i> , 2005 , 96, 155-69	4.7	91
166	Human urinary metabolite profile of tea polyphenols analyzed by liquid chromatography/electrospray ionization tandem mass spectrometry with data-dependent acquisition. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 1567-78	2.2	84
165	Identification of nobiletin metabolites in mouse urine. <i>Molecular Nutrition and Food Research</i> , 2006 , 50, 291-9	5.9	84
164	Synthesis and structure identification of thiol conjugates of (-)-epigallocatechin gallate and their urinary levels in mice. <i>Chemical Research in Toxicology</i> , 2005 , 18, 1762-9	4	83
163	Stilbene glucoside from <i>Polygonum multiflorum</i> Thunb.: a novel natural inhibitor of advanced glycation end product formation by trapping of methylglyoxal. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2239-45	5.7	82
162	Modulation of arachidonic acid metabolism and nitric oxide synthesis by garcinol and its derivatives. <i>Carcinogenesis</i> , 2006 , 27, 278-86	4.6	78

161	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
160	Green tea epigallocatechin 3-gallate alleviates hyperglycemia and reduces advanced glycation end products via nrf2 pathway in mice with high fat diet-induced obesity. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 87, 73-81	7.5	75
159	Chemical studies on antioxidant mechanism of tea catechins: analysis of radical reaction products of catechin and epicatechin with 2,2-diphenyl-1-picrylhydrazyl. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 2233-7	3.4	72
158	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
157	Carnosic acid as a major bioactive component in rosemary extract ameliorates high-fat-diet-induced obesity and metabolic syndrome in mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 4843-52	5.7	66
156	Biotransformation of tea polyphenols by gut microbiota. <i>Journal of Functional Foods</i> , 2014 , 7, 26-42	5.1	66
155	Metabolism of dietary polyphenols and possible interactions with drugs. <i>Current Drug Metabolism</i> , 2007 , 8, 499-507	3.5	66
154	Phytochemicals in whole grain wheat and their health-promoting effects. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600852	5.9	64
153	Effects of garcinol and its derivatives on intestinal cell growth: Inhibitory effects and autoxidation-dependent growth-stimulatory effects. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1211-21	7.8	64
152	Whole grain oats, more than just a fiber: Role of unique phytochemicals. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600715	5.9	62
151	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
150	Chemical studies of the antioxidant mechanism of tea catechins: radical reaction products of epicatechin with peroxy radicals. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3371-8	3.4	61
149	Effects of processing on the nutraceutical profile of quinoa. <i>Food Chemistry</i> , 2007 , 100, 1209-1216	8.5	59
148	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
147	Metabolism of [6]-shogaol in mice and in cancer cells. <i>Drug Metabolism and Disposition</i> , 2012 , 40, 742-53	4	56
146	5-alk(en)ylresorcinols as the major active components in wheat bran inhibit human colon cancer cell growth. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 3973-82	3.4	56
145	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
144	Flavonol glycosides and novel iridoid glycoside from the leaves of <i>Morinda citrifolia</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 4478-81	5.7	56

143	Oat avenanthramide-C (2c) is biotransformed by mice and the human microbiota into bioactive metabolites. <i>Journal of Nutrition</i> , 2015 , 145, 239-45	4.1	54
142	Theadibenzotropolone A, a new type pigment from enzymatic oxidation of (E)epicatechin and (E)epigallocatechin gallate and characterized from black tea using LC/MS/MS. <i>Tetrahedron Letters</i> , 2002 , 43, 7129-7133	2	53
141	Methylglyoxal: its presence in beverages and potential scavengers. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1126, 72-5	6.5	52
140	Sphingolipid and other constituents from almond nuts (<i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4709-12	5.7	51
139	Furanosesquiterpenoids of <i>Commiphora myrrha</i> . <i>Journal of Natural Products</i> , 2001 , 64, 1460-2	4.9	51
138	Anticancer and anti-inflammatory effects of cysteine metabolites of the green tea polyphenol, (-)-epigallocatechin-3-gallate. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10016-9	5.7	49
137	Novel acetylated flavonoid glycosides from the leaves of <i>Allium ursinum</i> . <i>Food Chemistry</i> , 2009 , 115, 592-595	8.5	45
136	Isolation and identification of cytotoxic compounds from Bay leaf (<i>Laurus nobilis</i>). <i>Food Chemistry</i> , 2005 , 93, 497-501	8.5	45
135	Quantitative analysis of ginger components in commercial products using liquid chromatography with electrochemical array detection. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12608-14	5.7	44
134	Triterpene saponins from debittered quinoa (<i>Chenopodium quinoa</i>) seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 865-7	5.7	44
133	The microbiota is essential for the generation of black tea theaflavins-derived metabolites. <i>PLoS ONE</i> , 2012 , 7, e51001	3.7	43
132	Stability of black tea polyphenol, theaflavin, and identification of theanaphthoquinone as its major radical reaction product. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 6146-50	5.7	43
131	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
130	Microbiota facilitates the formation of the aminated metabolite of green tea polyphenol (-)-epigallocatechin-3-gallate which trap deleterious reactive endogenous metabolites. <i>Free Radical Biology and Medicine</i> , 2019 , 131, 332-344	7.8	42
129	Ginger compound [6]-shogaol and its cysteine-conjugated metabolite (M2) activate Nrf2 in colon epithelial cells in vitro and in vivo. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1575-85	4	41
128	New dibenzotropolone derivatives characterized from black tea using LC/MS/MS. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3009-17	3.4	41
127	Isolation and characterization of several aromatic sesquiterpenes from <i>Commiphora myrrha</i> . <i>Flavour and Fragrance Journal</i> , 2003 , 18, 282-285	2.5	41
126	Furostanol saponins from <i>Allium tuberosum</i> . <i>Phytochemistry</i> , 1999 , 52, 1611-1615	4	41

125	Specific bioactive compounds in ginger and apple alleviate hyperglycemia in mice with high fat diet-induced obesity via Nrf2 mediated pathway. <i>Food Chemistry</i> , 2017 , 226, 79-88	8.5	40
124	Structural identification of mouse urinary metabolites of pterostilbene using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1770-8	2.2	39
123	Mechanism of the superoxide scavenging activity of neoandrographolide - a natural product from <i>Andrographis paniculata</i> Nees. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 4662-5	5.7	39
122	Novel Resveratrol-Based Aspirin Prodrugs: Synthesis, Metabolism, and Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 6494-506	8.3	38
121	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
120	Steroidal Saponins in Oat Bran. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 1549-56	5.7	37
119	Wheat bran oil and its fractions inhibit human colon cancer cell growth and intestinal tumorigenesis in Apc(min/+) mice. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 9792-7	5.7	37
118	Characterization of the triterpene saponins of the roots and rhizomes of blue cohosh (<i>Caulophyllum thalictroides</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 5969-74	5.7	37
117	Avenanthramide Aglycones and Glucosides in Oat Bran: Chemical Profile, Levels in Commercial Oat Products, and Cytotoxicity to Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 8005-8014	5.7	36
116	6-gingerdiols as the major metabolites of 6-gingerol in cancer cells and in mice and their cytotoxic effects on human cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 11372-7	5.7	36
115	Chemoprevention of 7,12-dimethylbenz[a]anthracene (DMBA)-induced hamster cheek pouch carcinogenesis by a 5-lipoxygenase inhibitor, garcinol. <i>Nutrition and Cancer</i> , 2012 , 64, 1211-1218	2.8	36
114	Bioavailability and stability issues in understanding the cancer preventive effects of tea polyphenols. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 2256-2265	4.3	36
113	Perspective: Dietary Biomarkers of Intake and Exposure-Exploration with Omics Approaches. <i>Advances in Nutrition</i> , 2020 , 11, 200-215	10	35
112	Induction of lung cancer cell apoptosis through a p53 pathway by [6]-shogaol and its cysteine-conjugated metabolite M2. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 1352-62	5.7	35
111	Bioactive ginger constituents alleviate protein glycation by trapping methylglyoxal. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1842-9	4	34
110	Plasma cholesterol-lowering activity of gingerol- and shogaol-enriched extract is mediated by increasing sterol excretion. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 10515-21	5.7	34
109	Metabolites of ginger component [6]-shogaol remain bioactive in cancer cells and have low toxicity in normal cells: chemical synthesis and biological evaluation. <i>PLoS ONE</i> , 2013 , 8, e54677	3.7	34
108	Importance of the Nucleophilic Property of Tea Polyphenols. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5379-5383	5.7	34

107	Iridoid glycosides from the leaves of <i>Morinda citrifolia</i> . <i>Journal of Natural Products</i> , 2001 , 64, 799-800	4.9	33
106	Identification and pharmacokinetics of novel alkylresorcinol metabolites in human urine, new candidate biomarkers for whole-grain wheat and rye intake. <i>Journal of Nutrition</i> , 2014 , 144, 114-22	4.1	32
105	Green tea polyphenols: antioxidative and prooxidative effects. <i>Journal of Nutrition</i> , 2004 , 134, 3181S	4.1	32
104	Trapping Methylglyoxal by Genistein and Its Metabolites in Mice. <i>Chemical Research in Toxicology</i> , 2016 , 29, 406-14	4	30
103	Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells. <i>Phytomedicine</i> , 2016 , 23, 200-13	6.5	30
102	Two new spirostanol saponins from <i>Allium tuberosum</i> . <i>Journal of Natural Products</i> , 1999 , 62, 1028-9	4.9	30
101	Cysteine-conjugated metabolites of ginger components, shogaols, induce apoptosis through oxidative stress-mediated p53 pathway in human colon cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 4632-42	5.7	29
100	Peroxidase-mediated oxidation of catechins. <i>Phytochemistry Reviews</i> , 2004 , 3, 229-241	7.7	29
99	Oat avenanthramides induce heme oxygenase-1 expression via Nrf2-mediated signaling in HK-2 cells. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 2471-9	5.9	28
98	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
97	Structural identification of theaflavin trigallate and tetragallate from black tea using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 10850-7	5.7	27
96	Synthesis and inhibitory activities against colon cancer cell growth and proteasome of alkylresorcinols. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 8624-31	5.7	27
95	Metabolism of dictamnine in liver microsomes from mouse, rat, dog, monkey, and human. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 119, 166-74	3.5	26
94	Chemical components of the roots of Noni (<i>Morinda citrifolia</i>) and their cytotoxic effects. <i>Phytotherapy Research</i> , 2011 , 82, 704-8	3.2	26
93	N-Acetylcysteine enhances the lung cancer inhibitory effect of epigallocatechin-3-gallate and forms a new adduct. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1069-74	7.8	26
92	New type sesquiterpene lactone from almond hulls (<i>Prunus amygdalus</i> Batsch). <i>Tetrahedron Letters</i> , 2002 , 43, 2547-2549	2	26
91	Antifungal constituents from the seeds of <i>Allium fistulosum</i> L. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 6318-21	5.7	26
90	A new unusual iridoid with inhibition of activator protein-1 (AP-1) from the leaves of <i>Morinda citrifolia</i> L. <i>Organic Letters</i> , 2001 , 3, 1307-9	6.2	26

89	Preventive and protective properties of rosemary (<i>Rosmarinus officinalis</i> L.) in obesity and diabetes mellitus of metabolic disorders: a brief review. <i>Current Opinion in Food Science</i> , 2015 , 2, 58-70	9.8	25
88	Cytotoxic lignans from <i>Larrea tridentata</i> . <i>Phytochemistry</i> , 2005 , 66, 811-5	4	25
87	Citrifolinin A, a new unusual iridoid with inhibition of Activator Protein-1 (AP-1) from the leaves of noni (<i>Morinda citrifolia</i> L.). <i>Tetrahedron Letters</i> , 2001 , 42, 1823-1825	2	25
86	New unusual iridoids from the leaves of noni (<i>Morinda citrifolia</i> L.) show inhibitory effect on ultraviolet B-induced transcriptional activator protein-1 (AP-1) activity. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 2499-502	3.4	24
85	Urinary Biomarkers of Whole Grain Wheat Intake Identified by Non-targeted and Targeted Metabolomics Approaches. <i>Scientific Reports</i> , 2016 , 6, 36278	4.9	23
84	DETERMINATION OF SPHINGOLIPIDS IN NUTS AND SEEDS BY A SINGLE QUADRUPOLE LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY METHOD. <i>Journal of Food Lipids</i> , 2005 , 12, 327-343		23
83	Ginger stimulates hematopoiesis via Bmp pathway in zebrafish. <i>PLoS ONE</i> , 2012 , 7, e39327	3.7	23
82	In vitro and in vivo inhibition of aldose reductase and advanced glycation end products by phloretin, epigallocatechin 3-gallate and [6]-gingerol. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 84, 502-513	5.7	23
81	A phenylpropanoid glycoside from <i>Vaccaria segetalis</i> . <i>Phytochemistry</i> , 1998 , 48, 569-571	4	22
80	Four new steroidal saponins from the seeds of <i>Allium tuberosum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 1475-8	5.7	22
79	Influence of Quercetin and Its Methylglyoxal Adducts on the Formation of α -Dicarbonyl Compounds in a Lysine/Glucose Model System. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2233-2239 ²¹	5.7	21
78	Complexity of Advanced Glycation End Products in Foods: Where Are We Now?. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 1325-1329	5.7	21
77	Synthesis, evaluation, and metabolism of novel [6]-shogaol derivatives as potent Nrf2 activators. <i>Free Radical Biology and Medicine</i> , 2016 , 95, 243-54	7.8	21
76	Structure elucidation and chemical profile of sphingolipids in wheat bran and their cytotoxic effects against human colon cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 866-74	5.7	21
75	Fraxinus excelsior seed extract FraxiPure limits weight gains and hyperglycemia in high-fat diet-induced obese mice. <i>Phytomedicine</i> , 2011 , 18, 479-85	6.5	21
74	Studies on the Constituents of the Seeds of <i>Vaccaria segetalis</i> . <i>Heterocycles</i> , 2003 , 59, 811	0.8	20
73	ANTIOXIDANT CHEMISTRY OF GREEN TEA CATECHINS: OXIDATION PRODUCTS OF (-)-EPIGALLOCATECHIN GALLATE AND (-)-EPIGALLOCATECHIN WITH PEROXIDASE. <i>Journal of Food Lipids</i> , 2007 , 7, 275-282		19
72	New spirostanol saponins from Chinese chives (<i>Allium tuberosum</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 4780-3	5.7	19

71	Dietary Genistein Inhibits Methylglyoxal-Induced Advanced Glycation End Product Formation in Mice Fed a High-Fat Diet. <i>Journal of Nutrition</i> , 2019 , 149, 776-787	4.1	18
70	Tea Flavanols Block Advanced Glycation of Lens Crystallins Induced by Dehydroascorbic Acid. <i>Chemical Research in Toxicology</i> , 2015 , 28, 135-43	4	18
69	Quantification of ascorbyl adducts of epigallocatechin gallate and gallic acid in bottled tea beverages. <i>Food Chemistry</i> , 2018 , 261, 246-252	8.5	18
68	Metabolism of ginger component [6]-shogaol in liver microsomes from mouse, rat, dog, monkey, and human. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 865-76	5.9	18
67	Characterization of thiol-conjugated metabolites of ginger components shogaols in mouse and human urine and modulation of the glutathione levels in cancer cells by [6]-shogaol. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 447-58	5.9	18
66	Structural identification of mouse fecal metabolites of theaflavin 3,3'-digallate using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 7297-306	4.5	18
65	Chemical Components in Noni Fruits and Leaves (<i>Morinda citrifolia</i> L.). <i>ACS Symposium Series</i> , 2001 , 134-150	15.0	18
64	The Chemistry and Health Benefits of Dietary Phenolamides. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 6248-6267	5.7	17
63	Novel Theaflavin-Type Chlorogenic Acid Derivatives Identified in Black Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 3402-3407	5.7	17
62	Oxyphytosterols as active ingredients in wheat bran suppress human colon cancer cell growth: identification, chemical synthesis, and biological evaluation. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2264-76	5.7	17
61	[10]-Gingerdiols as the major metabolites of [10]-gingerol in zebrafish embryos and in humans and their hematopoietic effects in zebrafish embryos. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 5353-60	5.7	17
60	Triterpenoid saponins from <i>Vaccaria segetalis</i> . <i>Journal of Asian Natural Products Research</i> , 1999 , 1, 199-205	20.5	16
59	Translating In Vitro Acrolein-Trapping Capacities of Tea Polyphenol and Soy Genistein to In Vivo Situation is Mediated by the Bioavailability and Biotransformation of Individual Polyphenols. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900274	5.9	16
58	Cysteine-conjugated metabolite of ginger component [6]-shogaol serves as a carrier of [6]-shogaol in cancer cells and in mice. <i>Chemical Research in Toxicology</i> , 2013 , 26, 976-85	4	15
57	Mechanistic studies of inhibition on acrolein by myricetin. <i>Food Chemistry</i> , 2020 , 323, 126788	8.5	12
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