

# Shengmin Sang

## List of Publications by Year in Descending Order

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

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	Degradation of black tea theaflavin through C-ring cleavage by gut microbiota. <i>Food Science and Human Wellness</i> , <b>2022</b> , 11, 598-605	8.3	1
195	Metabolic Investigation on the Interaction Mechanism between Dietary Dihydrochalcone Intake and Lipid Peroxidation Product Acrolein Reduction.. <i>Molecular Nutrition and Food Research</i> , <b>2022</b> , e2101107	5.9	10
194	Biotransformation of Barley Phenolamide by Mice and the Human Gut Microbiota and Quantitative Analysis of the Major Metabolites in Mice.. <i>Molecular Nutrition and Food Research</i> , <b>2022</b> , e2200134	5.9	1
193	Avenanthramide Metabotype from Whole-Grain Oat Intake is Influenced by Faecalibacterium prausnitzii in Healthy Adults. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 1426-1435	4.1	4
192	Novel Steroidal Saponins in Oat Identified by Molecular Networking Analysis and Their Levels in Commercial Oat Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 7084-7092	5.7	4
191	Dietary Quercetin Reduces Plasma and Tissue Methylglyoxal and Advanced Glycation End Products in Healthy Mice Treated with Methylglyoxal. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 2601-2609	4.1	1
190	Black Tea Theaflavin Detoxifies Metabolic Toxins in the Intestinal Tract of Mice. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000887	5.9	5
189	Simultaneous Determination of Multiple Reactive Carbonyl Species in High Fat Diet-Induced Metabolic Disordered Mice and the Inhibitory Effects of Rosemary on Carbonyl Stress. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 1123-1131	5.7	5
188	Ginger metabolites and metabolite-inspired synthetic products modulate intracellular calcium and relax airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 321, L912-L924	5.8	0
187	The Chemistry and Health Benefits of Dietary Phenolamides. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 6248-6267	5.7	17
186	Dietary Genistein Reduces Methylglyoxal and Advanced Glycation End Product Accumulation in Obese Mice Treated with High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 7416-7424	5.7	8
185	Metabolic Interaction between Ammonia and Baicalein. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 2181-2188	4.1	188
184	Characterization of Reaction Products and Mechanisms between Serotonin and Methylglyoxal in Model Reactions and Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 2437-2444	5.7	4
183	Mechanistic studies of inhibition on acrolein by myricetin. <i>Food Chemistry</i> , <b>2020</b> , 323, 126788	8.5	12
182	Perspective: Dietary Biomarkers of Intake and Exposure-Exploration with Omics Approaches. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 200-215	10	35
181	Changing the Landscape: An Introduction to the Agricultural and Food Chemistry Technical Program at the 258th American Chemical Society National Meeting in San Diego. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 12769-12772	5.7	
180	Triterpenoid Saponins in Oat Bran and Their Levels in Commercial Oat Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 6381-6389	5.7	5

179	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> , <b>2020</b> , 64, e1900274	5.9	16
178	Quantitative Analysis and Anti-inflammatory Activity Evaluation of the A-Type Avenanthramides in Commercial Sprouted Oat Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 13068-13075	5.7	9
177	A Novel LC-MS Based Targeted Metabolomic Approach to Study the Biomarkers of Food Intake. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e2000615	5.9	5
176	Precision Research on Ginger: The Type of Ginger Matters. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8517-8523	5.7	11
175	Trapping Methylglyoxal by Myricetin and Its Metabolites in Mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9408-9414	5.7	8
174	Emerging science on whole grain intake and inflammation. <i>Nutrition Reviews</i> , <b>2020</b> , 78, 21-28	6.4	5
173	. <i>Nutrition Reviews</i> , <b>2020</b> , 78, 20-27	6.4	
172	Rescue of hematopoietic stem/progenitor cells formation in plcg1 zebrafish mutant. <i>Scientific Reports</i> , <b>2019</b> , 9, 244	4.9	7
171	Methylglyoxal-Induced Retinal Angiogenesis in Zebrafish Embryo: A Potential Animal Model of Neovascular Retinopathy. <i>Journal of Ophthalmology</i> , <b>2019</b> , 2019, 2746735	2	3
170	Biotransformation of Myricetin: A Novel Metabolic Pathway to Produce Aminated Products in Mice. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1900203	5.9	11
169	Dietary Genistein Inhibits Methylglyoxal-Induced Advanced Glycation End Product Formation in Mice Fed a High-Fat Diet. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 776-787	4.1	18
168	Oats <b>2019</b> , 45-61		1
167	Scavenging of Acrolein by Food-Grade Antioxidant Propyl Gallate in a Model Reaction System and Cakes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 8520-8526	5.7	12
166	Wheat Bran for Colon Cancer Prevention: The Synergy between Phytochemical Alkylresorcinol C21 and Intestinal Microbial Metabolite Butyrate. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 12761 <sup>5</sup> -12769 <sup>6</sup>	5.7	6
165	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> , <b>2019</b> , 131, 332-344	7.8	42
164	Importance of the Nucleophilic Property of Tea Polyphenols. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 5379-5383	5.7	34
163	Quantification of ascorbyl adducts of epigallocatechin gallate and gallic acid in bottled tea beverages. <i>Food Chemistry</i> , <b>2018</b> , 261, 246-252	8.5	18
162	Complexity of Advanced Glycation End Products in Foods: Where Are We Now?. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 1325-1329	5.7	21

161	Metabolism and pharmacokinetics of resveratrol and pterostilbene. <i>BioFactors</i> , <b>2018</b> , 44, 16-25	6.1	128
160	Novel Theaflavin-Type Chlorogenic Acid Derivatives Identified in Black Tea. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 3402-3407	5.7	17
159	Trapping of glyoxal by propyl, octyl and dodecyl gallates and their mono-glyoxal adducts. <i>Food Chemistry</i> , <b>2018</b> , 269, 396-403	8.5	11
158	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> , <b>2018</b> , 66, 8005-8014	5.7	36
157	Dual effects of propyl gallate and its methylglyoxal adduct on carbonyl stress and oxidative stress. <i>Food Chemistry</i> , <b>2018</b> , 265, 227-232	8.5	11
156	Biomarkers of Whole Grain Intake. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 10347-10352	5.7	10
155	Induction of Apoptosis and Cell-Cycle Arrest in Human Colon-Cancer Cells by Whole-Grain Alkylresorcinols via Activation of the p53 Pathway. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 11935-11942	5.7	12
154	A new method to prepare and redefine black tea thearubigins. <i>Journal of Chromatography A</i> , <b>2018</b> , 1563, 82-88	4.5	10
153	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> , <b>2017</b> , 226, 79-88	8.5	40
152	Whole grain oats, more than just a fiber: Role of unique phytochemicals. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600715	5.9	62
151	Phytochemicals in whole grain wheat and their health-promoting effects. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600852	5.9	64
150	Influence of Quercetin and Its Methylglyoxal Adducts on the Formation of $\beta$ -Dicarbonyl Compounds in a Lysine/Glucose Model System. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2233-2239 <sup>21</sup>	5.7	21
149	Avenacosides: Metabolism, and potential use as exposure biomarkers of oat intake. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700196	5.9	7
148	Glucuronidation and its impact on the bioactivity of [6]-shogaol. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700023	5.9	7
147	Levels and formation of $\beta$ -dicarbonyl compounds in beverages and the preventive effects of flavonoids. <i>Journal of Food Science and Technology</i> , <b>2017</b> , 54, 2030-2040	3.3	11
146	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> , <b>2017</b> , 87, 73-81	7.5	75
145	Interindividual Variability in Metabolism of [6]-Shogaol by Gut Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 9618-9625	5.7	8
144	Additive Capacity of [6]-Shogaol and Epicatechin To Trap Methylglyoxal. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 8356-8362	5.7	9

143	Bioactive phytochemicals in barley. <i>Journal of Food and Drug Analysis</i> , <b>2017</b> , 25, 148-161	7	144
142	Urinary Biomarkers of Whole Grain Wheat Intake Identified by Non-targeted and Targeted Metabolomics Approaches. <i>Scientific Reports</i> , <b>2016</b> , 6, 36278	4.9	23
141	Metabolism of dictamnine in liver microsomes from mouse, rat, dog, monkey, and human. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 119, 166-74	3.5	26
140	Trapping Methylglyoxal by Genistein and Its Metabolites in Mice. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 406-14	4	30
139	Synthesis, evaluation, and metabolism of novel [6]-shogaol derivatives as potent Nrf2 activators. <i>Free Radical Biology and Medicine</i> , <b>2016</b> , 95, 243-54	7.8	21
138	Steroidal Saponins in Oat Bran. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 1549-56	5.7	37
137	Bioactive compounds isolated from apple, tea, and ginger protect against dicarbonyl induced stress in cultured human retinal epithelial cells. <i>Phytomedicine</i> , <b>2016</b> , 23, 200-13	6.5	30
136	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> , <b>2016</b> , 84, 502-513	7.5	23
135	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> , <b>2015</b> , 2, 58-70	9.8	25
134	Novel Resveratrol-Based Aspirin Prodrugs: Synthesis, Metabolism, and Anticancer Activity. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 6494-506	8.3	38
133	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> , <b>2015</b> , 63, 4843-52	5.7	66
132	Bioactive ginger constituents alleviate protein glycation by trapping methylglyoxal. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 1842-9	4	34
131	Tea Flavanols Block Advanced Glycation of Lens Crystallins Induced by Dehydroascorbic Acid. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 135-43	4	18
130	Oat avenanthramides induce heme oxygenase-1 expression via Nrf2-mediated signaling in HK-2 cells. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 2471-9	5.9	28
129	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> , <b>2015</b> , 63, 2264-76	5.7	17
128	Oat avenanthramide-C (2c) is biotransformed by mice and the human microbiota into bioactive metabolites. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 239-45	4.1	54
127	Biotransformation of tea polyphenols by gut microbiota. <i>Journal of Functional Foods</i> , <b>2014</b> , 7, 26-42	5.1	66
126	Quercetin inhibits advanced glycation end product formation by trapping methylglyoxal and glyoxal. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 12152-8	5.7	158

125	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> , <b>2014</b> , 27, 1575-85	4	41
124	Plasma cholesterol-lowering activity of gingerol- and shogaol-enriched extract is mediated by increasing sterol excretion. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 10515-21	5.7	34
123	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> , <b>2014</b> , 62, 1352-62	5.7	35
122	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> , <b>2014</b> , 62, 4632-42	5.7	29
121	Essential Structural Requirements and Additive Effects for Flavonoids to Scavenge Methylglyoxal. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 3202-3210	5.7	100
120	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> , <b>2014</b> , 144, 114-22	4.1	32
119	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> , <b>2013</b> , 34, 1315-22	4.6	42
118	Metabolism of ginger component [6]-shogaol in liver microsomes from mouse, rat, dog, monkey, and human. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 865-76	5.9	18
117	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> , <b>2013</b> , 26, 976-85	4	15
116	[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> , <b>2013</b> , 61, 5353-60	5.7	17
115	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> , <b>2013</b> , 57, 447-58	5.9	18
114	Garcinol from <i>Garcinia indica</i> : Chemistry and Health Beneficial Effects. <i>ACS Symposium Series</i> , <b>2013</b> , 133-145	4.5	6
113	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> , <b>2013</b> , 61, 866-74	5.7	21
112	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> , <b>2013</b> , 8, e54677	3.7	34
111	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> , <b>2012</b> , 60, 11372-7	5.7	36
110	Metabolism of [6]-shogaol in mice and in cancer cells. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 742-53	4	56
109	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> , <b>2012</b> , 60, 10850-7	5.7	27
108	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> , <b>2012</b> , 60, 3441-51	5.7	76

107	Synthesis and inhibitory activities against colon cancer cell growth and proteasome of alkylresorcinols. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8624-31	5.7	27
106	Chemoprevention of 7,12-dimethylbenz[a]anthracene (DMBA)-induced hamster cheek pouch carcinogenesis by a 5-lipoxygenase inhibitor, garcinol. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 1211-1218	2.8	36
105	Identification of phase II metabolites of thiol-conjugated [6]-shogaol in mouse urine using high-performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 907, 126-39	3.2	11
104	The microbiota is essential for the generation of black tea theaflavins-derived metabolites. <i>PLoS ONE</i> , <b>2012</b> , 7, e51001	3.7	43
103	Ginger stimulates hematopoiesis via Bmp pathway in zebrafish. <i>PLoS ONE</i> , <b>2012</b> , 7, e39327	3.7	23
102	The chemistry and biotransformation of tea constituents. <i>Pharmacological Research</i> , <b>2011</b> , 64, 87-99	10.2	291
101	Fraxinus excelsior seed extract FraxiPure limits weight gains and hyperglycemia in high-fat diet-induced obese mice. <i>Phytomedicine</i> , <b>2011</b> , 18, 479-85	6.5	21
100	Chemical components of the roots of Noni ( <i>Morinda citrifolia</i> ) and their cytotoxic effects. <i>Phytotherapy</i> , <b>2011</b> , 82, 704-8	3.2	26
99	Structural identification of mouse fecal metabolites of theaflavin 3,3'-digallate using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7297-306	4.5	18
98	Genistein inhibits advanced glycation end product formation by trapping methylglyoxal. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 579-86	4	117
97	5-alk(en)ylresorcinols as the major active components in wheat bran inhibit human colon cancer cell growth. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 3973-82	3.4	56
96	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> , <b>2010</b> , 58, 2239-45	5.7	82
95	Anticancer and anti-inflammatory effects of cysteine metabolites of the green tea polyphenol, (-)-epigallocatechin-3-gallate. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 10016-9	5.7	49
94	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> , <b>2010</b> , 58, 3847-54	5.7	28
93	Quantitative analysis of ginger components in commercial products using liquid chromatography with electrochemical array detection. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 12608-14	5.7	44
92	Hepatotoxicity of high oral dose (-)-epigallocatechin-3-gallate in mice. <i>Food and Chemical Toxicology</i> , <b>2010</b> , 48, 409-16	4.7	274
91	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> , <b>2010</b> , 54, 1296-306	5.9	69
90	Structural identification of mouse urinary metabolites of pterostilbene using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2010</b> , 24, 1770-8	2.2	39

89	Antioxidative and anti-carcinogenic activities of tea polyphenols. <i>Archives of Toxicology</i> , <b>2009</b> , 83, 11-21	5.8	210
88	Novel acetylated flavonoid glycosides from the leaves of <i>Allium ursinum</i> . <i>Food Chemistry</i> , <b>2009</b> , 115, 592-595	8.5	45
87	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> , <b>2009</b> , 1, 145-152	5.1	38
86	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> , <b>2009</b> , 57, 10645-50	5.7	128
85	N-Acetylcysteine enhances the lung cancer inhibitory effect of epigallocatechin-3-gallate and forms a new adduct. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 44, 1069-74	7.8	26
84	Induction of Apoptosis by Acetylated Black Tea Polyphenol through Reactive Oxygen Species Production, Cytochrome c Release, and Caspases Activation in Human Leukemia HL-60 Cells. <i>ACS Symposium Series</i> , <b>2008</b> , 345-361	0.4	
83	Apple polyphenols, phloretin and phloridzin: new trapping agents of reactive dicarbonyl species. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 2042-50	4	134
82	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> , <b>2008</b> , 22, 1567-78	2.2	84
81	Structural identification of novel glucoside and glucuronide metabolites of (-)-epigallocatechin-3-gallate in mouse urine using liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 3693-9	2.2	12
80	6-Shogaol suppressed lipopolysaccharide-induced up-expression of iNOS and COX-2 in murine macrophages. <i>Molecular Nutrition and Food Research</i> , <b>2008</b> , 52, 1467-77	5.9	135
79	Reactive dicarbonyl compounds and 5-(hydroxymethyl)-2-furfural in carbonated beverages containing high fructose corn syrup. <i>Food Chemistry</i> , <b>2008</b> , 107, 1099-1105	8.5	61
78	Methylglyoxal: its presence in beverages and potential scavengers. <i>Annals of the New York Academy of Sciences</i> , <b>2008</b> , 1126, 72-5	6.5	52
77	Possible controversy over dietary polyphenols: benefits vs risks. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 583-5	4	187
76	Biotransformation of green tea polyphenols and the biological activities of those metabolites. <i>Molecular Pharmaceutics</i> , <b>2007</b> , 4, 819-25	5.6	169
75	Effects of processing on the nutraceutical profile of quinoa. <i>Food Chemistry</i> , <b>2007</b> , 100, 1209-1216	8.5	59
74	Anti-inflammatory property of the urinary metabolites of nobiletin in mouse. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2007</b> , 17, 5177-81	2.9	117
73	ANTIOXIDANT CHEMISTRY OF GREEN TEA CATECHINS: OXIDATION PRODUCTS OF (-)-EPIGALLOCATECHIN GALLATE AND (-)-EPIGALLOCATECHIN WITH PEROXIDASE. <i>Journal of Food Lipids</i> , <b>2007</b> , 7, 275-282		19
72	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> , <b>2007</b> , 42, 1211-21	7.8	64



71	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> , <b>2007</b> , 43, 362-71	7.8	112
70	Tea and cancer prevention: molecular mechanisms and human relevance. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 224, 265-73	4.6	202
69	Metabolism of dietary polyphenols and possible interactions with drugs. <i>Current Drug Metabolism</i> , <b>2007</b> , 8, 499-507	3.5	66
68	Tea polyphenol (-)-epigallocatechin-3-gallate: a new trapping agent of reactive dicarbonyl species. <i>Chemical Research in Toxicology</i> , <b>2007</b> , 20, 1862-70	4	149
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66	Trapping reactions of reactive carbonyl species with tea polyphenols in simulated physiological conditions. <i>Molecular Nutrition and Food Research</i> , <b>2006</b> , 50, 1118-28	5.9	155
65	Bioavailability and stability issues in understanding the cancer preventive effects of tea polyphenols. <i>Journal of the Science of Food and Agriculture</i> , <b>2006</b> , 86, 2256-2265	4.3	36
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63	Modulation of arachidonic acid metabolism and nitric oxide synthesis by garcinol and its derivatives. <i>Carcinogenesis</i> , <b>2006</b> , 27, 278-86	4.6	78
62	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> , <b>2006</b> , 54, 9792-7	5.7	37
61	Bioassay-Guided Isolation, Identification, and Quantification of the Estrogen-Like Constituent from PC SPES. <i>ACS Symposium Series</i> , <b>2006</b> , 117-125	0.4	
60	Effect of Black Tea Theaflavins on 12-O-Tetradecanoylphorbol-13-acetate-Induced Inflammation. <i>ACS Symposium Series</i> , <b>2006</b> , 314-325	0.4	
59	Chemical Components of Noni ( <i>Morinda citrifolia</i> L.) Root. <i>ACS Symposium Series</i> , <b>2006</b> , 185-194	0.4	3
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57	Synthesis and structure identification of thiol conjugates of (-)-epigallocatechin gallate and their urinary levels in mice. <i>Chemical Research in Toxicology</i> , <b>2005</b> , 18, 1762-9	4	83
56	Stability of black tea polyphenol, theaflavin, and identification of theanaphthoquinone as its major radical reaction product. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 6146-50	5.7	43
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49	DETERMINATION OF SPHINGOLIPIDS IN NUTS AND SEEDS BY A SINGLE QUADRUPOLE LIQUID CHROMATOGRAPHY/MASS SPECTROMETRY METHOD. <i>Journal of Food Lipids</i> , <b>2005</b> , 12, 327-343		23
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45	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> , <b>2004</b> , 25, 1671-9	4.6	306
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42	Enzymatic synthesis of tea theaflavin derivatives and their anti-inflammatory and cytotoxic activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2004</b> , 12, 459-67	3.4	112
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39	Separation and Bioactivity of Diarylheptanoids from Lesser Galangal ( <i>Alpinia officinarum</i> ). <i>ACS Symposium Series</i> , <b>2003</b> , 369-380	0.4	3
38	Chemistry of Theaflavins: The Astringent Taste Compounds of Black Tea. <i>ACS Symposium Series</i> , <b>2003</b> , 125-138	0.4	1
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18	Antioxidative phenolic compounds isolated from almond skins ( <i>Prunus amygdalus</i> Batsch). <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 2459-63	5-7	209

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