Jungil Hong

List of Publications by Year
in descending order

56 papers	4,448 citations	159585 30 h-index	149698 56 g-index
56 all docs	56 docs citations	56 times ranked	5340 citing authors

#	Article	IF	Citations
1	Application of the MTT-based colorimetric method for evaluating bacterial growth using different solvent systems. LWT - Food Science and Technology, 2022, 153, 112565.	5.2	30
2	Roles of anti- and pro-oxidant potential of cinnamic acid and phenylpropanoid derivatives in modulating growth of cultured cells. Food Science and Biotechnology, 2022, 31, 463-473.	2.6	4
3	Changes in chemical properties and bioactivities of turmeric pigments by photo-degradation. AIMS Agriculture and Food, 2021, 6, 754-767.	1.6	2
4	Antioxidant Properties and Protective Effects of Aerial Parts fromCnidium officinaleMakino on Oxidative Stress-Induced Neuronal Cell Death. Preventive Nutrition and Food Science, 2021, 26, 200-208.	1.6	2
5	Inhibition of AKT Enhances the Sensitivity of NSCLC Cells to Metformin. Anticancer Research, 2021, 41, 3481-3487.	1.1	6
6	Metagenomic, Metabolomic, and Functional Evaluation of Kimchi Broth Treated with Light-Emitting Diodes (LEDs). Metabolites, 2021, 11, 472.	2.9	3
7	Cellular uptake of anthocyanins extracted from black soybean, grape, and purple sweet potato using INT-407 cells. Food Science and Biotechnology, 2021, 30, 1383-1391.	2.6	3
8	Parthenolide inhibits lipid accumulation via activation of Nrf2/Keap1 signaling during adipocyte differentiation. Food Science and Biotechnology, 2020, 29, 431-440.	2.6	13
9	Lysine is required for growth factor-induced mTORC1 activation. Biochemical and Biophysical Research Communications, 2020, 533, 945-951.	2.1	6
10	Dibenzoylmethane Suppresses Lipid Accumulation and Reactive Oxygen Species Production through Regulation of Nuclear Factor (Erythroid-Derived 2)-Like 2 and Insulin Signaling in Adipocytes. Biological and Pharmaceutical Bulletin, 2018, 41, 680-689.	1.4	12
11	TMEM165, a Golgi transmembrane protein, is a novel marker for hepatocellular carcinoma and its depletion impairs invasion activity. Oncology Reports, 2018, 40, 1297-1306.	2.6	15
12	Dibenzoylmethane, a Component of Licorice, Suppresses Monocyte-to-Macrophage Differentiation and Inflammatory Responses in Human Monocytes and Mouse Macrophages. Biological and Pharmaceutical Bulletin, 2018, 41, 1228-1236.	1.4	6
13	Optimization of Extraction of Cycloalliin from Garlic (Allium sativum L.) by Using Principal Components Analysis. Preventive Nutrition and Food Science, 2016, 21, 138-146.	1.6	8
14	Î´â€Tocopherol inhibits receptor tyrosine kinaseâ€induced AKT activation in prostate cancer cells. Molecular Carcinogenesis, 2016, 55, 1728-1738.	2.7	17
15	TRAIL restores DCA/metformin-mediated cell death in hypoxia. Biochemical and Biophysical Research Communications, 2016, 478, 1389-1395.	2.1	5
16	Changes in the chemical properties and anti-oxidant activities of curcumin by microwave radiation. Food Science and Biotechnology, 2016, 25, 1449-1455.	2.6	7
17	Modulation of the inflammatory process and interaction of THP-1 monocytes with intestinal epithelial cells by glasswort (Salicornia herbacea L.) extracts. Korean Journal of Food Science and Technology, 2016, 48, 378-383.	0.3	2
18	Antioxidant activities, production of reactive oxygen species, and cytotoxic properties of fractions from aerial parts of glasswort (Salicornia herbacea L.). Korean Journal of Food Science and Technology, 2016, 48, 574-581.	0.3	2

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19	Evaluation and comparison of functional properties of freshwater-cultivated glasswort (Salicornia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	11
20	Role of reactive oxygen species from the green tea catechin, (â^')-epigallocatechin-3-gallate in growth modulation of intestinal cells. Food Science and Biotechnology, 2015, 24, 1541-1548.	2.6	6
21	Effects of Proteins on the Reactivity of Various Phenolic Compounds with the Folin-Ciocalteu Reagent. Korean Journal of Food Science and Technology, 2015, 47, 299-305.	0.3	1
22	Prevention of Chronic Diseases by Tea: Possible Mechanisms and Human Relevance. Annual Review of Nutrition, 2013, 33, 161-181.	10.1	181
23	Changes in chemical stability and bioactivities of curcumin by ultraviolet radiation. Food Science and Biotechnology, 2013, 22, 279-282.	2.6	33
24	Inhibitory Effects of Different Forms of Tocopherols, Tocopherol Phosphates, and Tocopherol Quinones on Growth of Colon Cancer Cells. Journal of Agricultural and Food Chemistry, 2013, 61, 8533-8540.	5.2	21
25	Interaction of Over-the-Counter Drugs with Curcumin: Influence on Stability and Bioactivities in Intestinal Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 10578-10584.	5.2	7
26	Antioxidant properties and cytotoxic effects of fractions from glasswort (Salicornia herbacea) seed extracts on human intestinal cells. Food Science and Biotechnology, 2011, 20, 115-122.	2.6	30
27	Analysis of chemical interactions of (â^')-epigallocatechin-3-gallate, a major green tea polyphenol, with commonly-consumed over-thecounter drugs. Food Science and Biotechnology, 2010, 19, 559-564.	2.6	4
28	Anticancer and Anti-inflammatory Effects of Cysteine Metabolites of the Green Tea Polyphenol, (â^')-Epigallocatechin-3-gallate. Journal of Agricultural and Food Chemistry, 2010, 58, 10016-10019.	5.2	60
29	Increased Growth Inhibitory Effects on Human Cancer Cells and Anti-inflammatory Potency of Shogaols from Zingiber officinale Relative to Gingerols. Journal of Agricultural and Food Chemistry, 2009, 57, 10645-10650.	5.2	152
30	Effect of genistein on the bioavailability and intestinal cancer chemopreventive activity of (-)-epigallocatechin-3-gallate. Carcinogenesis, 2008, 29, 2019-2024.	2.8	58
31	Salivary hydrogen peroxide produced by holding or chewing green tea in the oral cavity. Free Radical Research, 2007, 41, 850-853.	3.3	37
32	Effects of garcinol and its derivatives on intestinal cell growth: Inhibitory effects and autoxidation-dependent growth-stimulatory effects. Free Radical Biology and Medicine, 2007, 42, 1211-1221.	2.9	76
33	Wheat Bran Oil and Its Fractions Inhibit Human Colon Cancer Cell Growth and Intestinal Tumorigenesis inApcmin/+Mice. Journal of Agricultural and Food Chemistry, 2006, 54, 9792-9797.	5.2	41
34	Peracetylation as a Means of Enhancing in Vitro Bioactivity and Bioavailability of Epigallocatechin-3-Gallate. Drug Metabolism and Disposition, 2006, 34, 2111-2116.	3.3	147
35	Modulation of arachidonic acid metabolism and nitric oxide synthesis by garcinol and its derivatives. Carcinogenesis, 2006, 27, 278-286.	2.8	90
36	DOSE-DEPENDENT LEVELS OF EPIGALLOCATECHIN-3-GALLATE IN HUMAN COLON CANCER CELLS AND MOUSE PLASMA AND TISSUES. Drug Metabolism and Disposition, 2006, 34, 8-11.	3.3	128

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37	Inhibition of carcinogenesis by polyphenols: evidence from laboratory investigations. American Journal of Clinical Nutrition, 2005, 81, 284S-291S.	4.7	421
38	Synthesis and biological activity of the tea catechin metabolites, M4 and M6 and their methoxy-derivatives. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 873-876.	2.2	94
39	Inhibition of Intestinal Tumorigenesis in Apcmin/+ Mice by (â˜)-Epigallocatechin-3-Gallate, the Major Catechin in Green Tea. Cancer Research, 2005, 65, 10623-10631.	0.9	202
40	Mechanism of Action of (â˜)-Epigallocatechin-3-Gallate: Auto-oxidationâ€“Dependent Inactivation of Epidermal Growth Factor Receptor and Direct Effects on Growth Inhibition in Human Esophageal Cancer KYSE 150 Cells. Cancer Research, 2005, 65, 8049-8056.	0.9	262
41	Synthesis and Structure Identification of Thiol Conjugates of (â˜)-Epigallocatechin Gallate and Their Urinary Levels in Mice. Chemical Research in Toxicology, 2005, 18, 1762-1769.	3.3	94
42	Biotransformation and Bioavailability of Tea Polyphenols: Implications for Cancer Prevention Research. ACS Symposium Series, 2005, , 212-224.	0.5	4
43	Green Tea Polyphenols: Antioxidative and Prooxidative Effects. Journal of Nutrition, 2004, 134, 3181S.	2.9	35
44	Modulation of arachidonic acid metabolism by curcumin and related Â-diketone derivatives: effects on cytosolic phospholipase A2, cyclooxygenases and 5-lipoxygenase. Carcinogenesis, 2004, 25, 1671-1679.	2.8	362
45	Enzymatic synthesis of tea theaflavin derivatives and their anti-inflammatory and cytotoxic activities. Bioorganic and Medicinal Chemistry, 2004, 12, 459-467.	3.0	125
46	Piperine Enhances the Bioavailability of the Tea Polyphenol (â˜)-Epigallocatechin-3-gallate in Mice. Journal of Nutrition, 2004, 134, 1948-1952.	2.9	206
47	Gene expression changes induced by green tea polyphenol (-)-epigallocatechin-3-gallate in human bronchial epithelial 21BES cells analyzed by DNA microarray. Molecular Cancer Therapeutics, 2004, 3, 1091-9.	4.1	65
48	Involvement of multidrug resistance-associated proteins in regulating cellular levels of (â˜)-epigallocatechin-3-gallate and its methyl metabolites. Biochemical and Biophysical Research Communications, 2003, 310, 222-227.	2.1	174
49	Glucuronides of Tea Catechins: Enzymology of Biosynthesis and Biological Activities. Drug Metabolism and Disposition, 2003, 31, 452-461.	3.3	220
50	Effects of Green Tea and High-Fat Diet on Arachidonic Acid Metabolism and Aberrant Crypt Foci Formation in an Azoxymethane-Induced Colon Carcinogenesis Mouse Model. Nutrition and Cancer, 2003, 46, 172-178.	2.0	65
51	Leukotriene A4 Hydrolase in Rat and Human Esophageal Adenocarcinomas and Inhibitory Effects of Bestatin. Journal of the National Cancer Institute, 2003, 95, 1053-1061.	6.3	74
52	Effects of Tea Polyphenols on Arachidonic Acid Metabolism in Human Colon. ACS Symposium Series, 2003, , 27-38.	0.5	3
53	Aberrant arachidonic acid metabolism in esophageal adenocarcinogenesis, and the effects of sulindac, nordihydroguaiaretic acid, and alpha-difluoromethylornithine on tumorigenesis in a rat surgical model. Carcinogenesis, 2002, 23, 2095-2102.	2.8	55
54	Stability, cellular uptake, biotransformation, and efflux of tea polyphenol (-)-epigallocatechin-3-gallate in HT-29 human colon adenocarcinoma cells. Cancer Research, 2002, 62, 7241-6.	0.9	304

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55	Effects of purified green and black tea polyphenols on cyclooxygenase- and lipoxygenase-dependent metabolism of arachidonic acid in human colon mucosa and colon tumor tissues11Abbreviations: COX, cyclooxygenase; LOX, lipoxygenase; EGCG, (-)-epigallocatechin-3-gallate; EGC, (-)-epigallocatechin; ECG, (-)-epicatechin-3-gallate; EC, (-)-epicatechin; TF, theaflavin; TF3-G, theaflavin 3-gallate; TF3â€²-G, theaflavin 3â€²-gallate; TFdiG, theaflavin 3,3â€²-digallate; PGE2, prostaglandin E2; HETE, hydroxyeicosatetraenoic. Biochemical Pharmacology, 2001, 62, 1175-1183.	4.4	241
56	Plasma and Tissue Levels of Tea Catechins in Rats and Mice During Chronic Consumption of Green Tea Polyphenols. Nutrition and Cancer, 2000, 37, 41-48.	2.0	216