

Gk Jayaprakasha

List of Publications by Year in descending order

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60
papers

5,673
citations

101543

36
h-index

144013

57
g-index

60
all docs

60
docs citations

60
times ranked

6964
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of storage period and nanoparticle treatment on phytochemical composition of watermelons (<i>Citrullus lanatus</i>). <i>Journal of Food Composition and Analysis</i> , 2021, 104, 104139.	3.9	3
2	Grapefruit. , 2020, , 393-404.		2
3	Chemometric characterization of 30 commercial thermal and cold processed juices using UPLC-QTOF-HR-MS fingerprints. <i>LWT - Food Science and Technology</i> , 2019, 114, 108322.	5.2	14
4	BetaSweet carrot extracts have antioxidant activity and in vitro antiproliferative effects against breast cancer cells. <i>Journal of Functional Foods</i> , 2019, 62, 103552.	3.4	6
5	A sensitive HPLC-FLD method combined with multivariate analysis for the determination of amino acids in l-citrulline rich vegetables. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 717-728.	1.9	23
6	Metabolite profiling and in vitro biological activities of two commercial bitter melon (<i>Momordica</i>) Tj ETQq0 0 0 rgBT /Overlock,10 Tf 50 9	8.2	27
7	Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. <i>Food Chemistry</i> , 2019, 275, 282-291.	8.2	39
8	An optimized solvent extraction and characterization of unidentified flavonoid glucuronide derivatives from spinach by UHPLC-HR-QTOF-MS. <i>Talanta</i> , 2018, 188, 763-771.	5.5	20
9	Citrus nomilin down-regulates TNF- α -induced proliferation of aortic smooth muscle cells via apoptosis and inhibition of I κ B. <i>European Journal of Pharmacology</i> , 2017, 811, 93-100.	3.5	8
10	Effect of ethylene degreening on flavonoid pathway gene expression and phytochemicals in Rio Red grapefruit (<i>Citrus paradisi</i> Macf). <i>Phytochemistry Letters</i> , 2017, 22, 270-279.	1.2	7
11	A metabolomics approach to identify and quantify the phytochemicals in watermelons by quantitative ¹ HNMR. <i>Talanta</i> , 2016, 153, 268-277.	5.5	35
12	Ethylene degreening modulates health promoting phytochemicals in Rio Red grapefruit. <i>Food Chemistry</i> , 2015, 188, 77-83.	8.2	21
13	Phytochemical analysis of organic and conventionally cultivated Meyer lemons (<i>Citrus meyeri</i> Tan.) during refrigerated storage. <i>Journal of Food Composition and Analysis</i> , 2015, 42, 63-70.	3.9	24
14	Low temperature conditioning reduces chilling injury while maintaining quality and certain bioactive compounds of "Star Ruby" grapefruit. <i>Food Chemistry</i> , 2014, 153, 243-249.	8.2	74
15	Obacunone exhibits anti-proliferative and anti-aromatase activity in vitro by inhibiting the p38 MAPK signaling pathway in MCF-7 human breast adenocarcinoma cells. <i>Biochimie</i> , 2014, 105, 36-44.	2.6	26
16	Ascorbic acid, capsaicinoid, and flavonoid aglycone concentrations as a function of fruit maturity stage in greenhouse-grown peppers. <i>Journal of Food Composition and Analysis</i> , 2014, 33, 195-202.	3.9	59
17	PREVENTION OF CANCER BY NATURALLY OCCURRING BIOACTIVE COMPOUNDS: CONVENTIONAL WISDOM OR REALITY?. <i>Acta Horticulturae</i> , 2014, , 247-254.	0.2	0
18	LEMON (<i>CITRUS LEMON</i> L. BURM) AS A SOURCE OF UNIQUE BIOACTIVE COMPOUNDS. <i>Acta Horticulturae</i> , 2014, , 377-380.	0.2	1

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19	ANTIOXIDANT ACTIVITIES OF KAGZI LIME (CITRUS AURANTIFOLIA SWINGLE). Acta Horticulturae, 2014, , 381-384.	0.2	0
20	Inhibition of Escherichia coli O157:H7 motility and biofilm by β -Sitosterol glucoside. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5219-5228.	2.4	37
21	Chemical composition of volatile oil from Citrus limettioides and their inhibition of colon cancer cell proliferation. Industrial Crops and Products, 2013, 45, 200-207.	5.2	48
22	Degreening and postharvest storage influences β -Star Ruby TM grapefruit (Citrus paradisi Macf.) bioactive compounds. Food Chemistry, 2012, 135, 1667-1675.	8.2	45
23	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. Food Chemistry, 2012, 130, 751-758.	8.2	77
24	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by Fortunella margarita. Food Chemistry, 2012, 131, 184-191.	8.2	35
25	Variation of antioxidant activity and the levels of bioactive compounds in lipophilic and hydrophilic extracts from hot pepper (Capsicum spp.) cultivars. Food Chemistry, 2012, 134, 1912-1918.	8.2	97
26	Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis. Food and Chemical Toxicology, 2011, 49, 1616-1625.	3.6	45
27	Citrus flavonoid represses Salmonella pathogenicity island 1 and motility in S. Typhimurium LT2. International Journal of Food Microbiology, 2011, 145, 28-36.	4.7	41
28	Rapid HPLC-UV method for quantification of l-citrulline in watermelon and its potential role on smooth muscle relaxation markers. Food Chemistry, 2011, 127, 240-248.	8.2	47
29	Berberine induces apoptosis in breast cancer cells (MCF-7) through mitochondrial-dependent pathway. European Journal of Pharmacology, 2010, 645, 70-78.	3.5	156
30	Grapefruit bioactive limonoids modulate E. coli O157:H7 TTSS and biofilm. International Journal of Food Microbiology, 2010, 140, 109-116.	4.7	89
31	Characterization of Citrus aurantifolia bioactive compounds and their inhibition of human pancreatic cancer cells through apoptosis. Microchemical Journal, 2010, 94, 108-117.	4.5	53
32	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. Journal of Applied Microbiology, 2010, 109, 515-527.	3.1	284
33	Apoptosis-mediated proliferation inhibition of human colon cancer cells by volatile principles of Citrus aurantifolia. Food Chemistry, 2009, 114, 1351-1358.	8.2	92
34	Radical scavenging activities of Rio Red grapefruits and Sour orange fruit extracts in different in vitro model systems. Bioresource Technology, 2008, 99, 4484-4494.	9.6	176
35	Novel triterpenoid from Citrus aurantium L. possesses chemopreventive properties against human colon cancer cells. Bioorganic and Medicinal Chemistry, 2008, 16, 5939-5951.	3.0	76
36	Influence of pre- and post-harvest factors and processing on the levels of furocoumarins in grapefruits (Citrus paradisi Macfed.). Food Chemistry, 2008, 111, 387-392.	8.2	19

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37	Development of a method for the quantification of d-glucaric acid in different varieties of grapefruits by high-performance liquid chromatography and mass spectra. <i>Journal of Chromatography A</i> , 2008, 1190, 394-397.	3.7	19
38	Grapefruit juice and its furocoumarins inhibits autoinducer signaling and biofilm formation in bacteria. <i>International Journal of Food Microbiology</i> , 2008, 125, 204-208.	4.7	175
39	Antibacterial activity of the extracts from the fruit rinds of <i>Garcinia cowa</i> and <i>Garcinia pedunculata</i> against food borne pathogens and spoilage bacteria. <i>LWT - Food Science and Technology</i> , 2008, 41, 1857-1861.	5.2	61
40	IMPACT OF CITRUS LIMONOIDS ON HUMAN HEALTH. <i>Acta Horticulturae</i> , 2007, , 127-134.	0.2	2
41	Radical scavenging and cytochrome P450 3A4 inhibitory activity of bergaptol and geranylcoumarin from grapefruit. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3684-3691.	3.0	52
42	Inhibition of colon cancer cell growth and antioxidant activity of bioactive compounds from <i>Poncirus trifoliata</i> (L.) Raf.. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4923-4932.	3.0	116
43	Simultaneous determination of citrus limonoid aglycones and glucosides by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 590, 180-186.	5.4	66
44	In vitro evaluation of the antioxidant activities in fruit extracts from citron and blood orange. <i>Food Chemistry</i> , 2007, 101, 410-418.	8.2	205
45	Antioxidant and antimutagenic activities of <i>Cinnamomum zeylanicum</i> fruit extracts. <i>Journal of Food Composition and Analysis</i> , 2007, 20, 330-336.	3.9	127
46	An improved HPLC method for the analysis of citrus limonoids in culture media. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 385-390.	2.3	15
47	Potent Inhibition of Human Cytochrome P450 3A4, 2D6, and 2C9 Isoenzymes by Grapefruit Juice and Its Furocoumarins. <i>Journal of Food Science</i> , 2007, 72, C417-21.	3.1	69
48	Antioxidative and antimutagenic activities of the extracts from the rinds of <i>Garcinia pedunculata</i> . <i>Innovative Food Science and Emerging Technologies</i> , 2006, 7, 246-250.	5.6	31
49	Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. <i>Food Chemistry</i> , 2006, 98, 720-724.	8.2	351
50	Antioxidant activity of the extracts from fruits. <i>Food Chemistry</i> , 2005, 90, 891-896.	8.2	187
51	Antiaflatoxigenic and antioxidant activities of <i>Garcinia</i> extracts. <i>International Journal of Food Microbiology</i> , 2005, 101, 153-160.	4.7	80
52	Inhibition of growth and aflatoxin production in <i>Aspergillus flavus</i> by <i>Garcinia indica</i> extract and its antioxidant activity. <i>Food Microbiology</i> , 2003, 20, 455-460.	4.2	79
53	Antioxidant and antimutagenic activities of pomegranate peel extracts. <i>Food Chemistry</i> , 2003, 80, 393-397.	8.2	393
54	Antioxidant and Antibacterial Activities of <i>Punica granatum</i> Peel Extracts. <i>Journal of Food Science</i> , 2003, 68, 1473-1477.	3.1	227

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55	Antibacterial and antioxidant activities of grape (<i>Vitis vinifera</i>) seed extracts. <i>Food Research International</i> , 2003, 36, 117-122.	6.2	501
56	Antibacterial Activity of <i>Aristolochia bracteata</i> Root Extracts. <i>Journal of Medicinal Food</i> , 2003, 6, 401-403.	1.5	25
57	Determination of organic acids in leaves and rinds of <i>Garcinia indica</i> (Desr.) by LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 379-384.	2.8	62
58	Antioxidant activity of grape seed (<i>Vitis vinifera</i>) extracts on peroxidation models in vitro. <i>Food Chemistry</i> , 2001, 73, 285-290.	8.2	896
59	Determination of organic acids in <i>Garcinia cambogia</i> (Desr.) by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 806, 337-339.	3.7	57
60	Limonoids from <i>Citrus reticulata</i> and their moult inhibiting activity in mosquito <i>Culex quinquefasciatus</i> larvae. <i>Phytochemistry</i> , 1997, 44, 843-846.	2.9	71