

Gk Jayaprakasha

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11293457/gk-jayaprakasha-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

60
papers

4,577
citations

34
h-index

60
g-index

60
ext. papers

5,010
ext. citations

5.4
avg, IF

5.56
L-index

#	Paper	IF	Citations
60	Antioxidant activity of grape seed (<i>Vitis vinifera</i>) extracts on peroxidation models in vitro. <i>Food Chemistry</i> , 2001 , 73, 285-290	8.5	738
59	Antibacterial and antioxidant activities of grape (<i>Vitis vinifera</i>) seed extracts. <i>Food Research International</i> , 2003 , 36, 117-122	7	415
58	Antioxidant and antimutagenic activities of pomegranate peel extracts. <i>Food Chemistry</i> , 2003 , 80, 393-397	5	313
57	Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. <i>Food Chemistry</i> , 2006 , 98, 720-724	8.5	267
56	Suppression of bacterial cell-cell signalling, biofilm formation and type III secretion system by citrus flavonoids. <i>Journal of Applied Microbiology</i> , 2010 , 109, 515-527	4.7	222
55	In vitro evaluation of the antioxidant activities in fruit extracts from citron and blood orange. <i>Food Chemistry</i> , 2007 , 101, 410-418	8.5	172
54	Antioxidant and Antibacterial Activities of Punica granatum Peel Extracts. <i>Journal of Food Science</i> , 2003 , 68, 1473-1477	3.4	167
53	Radical scavenging activities of Rio Red grapefruits and Sour orange fruit extracts in different in vitro model systems. <i>Bioresource Technology</i> , 2008 , 99, 4484-94	11	160
52	Antioxidant activity of the extracts from <i>Dillenia indica</i> fruits. <i>Food Chemistry</i> , 2005 , 90, 891-896	8.5	149
51	Grapefruit juice and its furocoumarins inhibits autoinducer signaling and biofilm formation in bacteria. <i>International Journal of Food Microbiology</i> , 2008 , 125, 204-8	5.8	142
50	Berberine induces apoptosis in breast cancer cells (MCF-7) through mitochondrial-dependent pathway. <i>European Journal of Pharmacology</i> , 2010 , 645, 70-8	5.3	130
49	Antioxidant and antimutagenic activities of <i>Cinnamomum zeylanicum</i> fruit extracts. <i>Journal of Food Composition and Analysis</i> , 2007 , 20, 330-336	4.1	106
48	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, 4923-32	3.4	96
47	Apoptosis-mediated proliferation inhibition of human colon cancer cells by volatile principles of <i>Citrus aurantifolia</i> . <i>Food Chemistry</i> , 2009 , 114, 1351-1358	8.5	77
46	Variation of antioxidant activity and the levels of bioactive compounds in lipophilic and hydrophilic extracts from hot pepper (<i>Capsicum</i> spp.) cultivars. <i>Food Chemistry</i> , 2012 , 134, 1912-8	8.5	73
45	Grapefruit bioactive limonoids modulate <i>E. coli</i> O157:H7 TTSS and biofilm. <i>International Journal of Food Microbiology</i> , 2010 , 140, 109-16	5.8	70
44	Novel triterpenoid from <i>Citrus aurantium</i> L. possesses chemopreventive properties against human colon cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 5939-51	3.4	67

43	Extraction efficiency and validation of an HPLC method for flavonoid analysis in peppers. <i>Food Chemistry</i> , 2012 , 130, 751-758	8.5	66
42	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	6	64
41	Antiaflatoxigenic and antioxidant activities of <i>Garcinia</i> extracts. <i>International Journal of Food Microbiology</i> , 2005 , 101, 153-60	5.8	62
40	Limonoids from <i>Citrus reticulata</i> and their moult inhibiting activity in mosquito <i>Culex quinquefasciatus</i> larvae. <i>Phytochemistry</i> , 1997 , 44, 843-6	4	60
39	Simultaneous determination of citrus limonoid aglycones and glucosides by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007 , 590, 180-6	6.6	60
38	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	3.4	60
37	Low temperature conditioning reduces chilling injury while maintaining quality and certain bioactive compounds of Star Ruby grapefruit. <i>Food Chemistry</i> , 2014 , 153, 243-9	8.5	53
36	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, 379-84	3.5	53
35	Characterization of <i>Citrus aurantifolia</i> bioactive compounds and their inhibition of human pancreatic cancer cells through apoptosis. <i>Microchemical Journal</i> , 2010 , 94, 108-117	4.8	50
34	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	5.4	46
33	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	4.5	44
32	Degreening and postharvest storage influences Star Ruby grapefruit (<i>Citrus paradisi</i> Macf.) bioactive compounds. <i>Food Chemistry</i> , 2012 , 135, 1667-75	8.5	42
31	Radical scavenging and cytochrome P450 3A4 inhibitory activity of bergaptol and geranylcoumarin from grapefruit. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 3684-91	3.4	42
30	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	4.1	40
29	Obacunone and obacunone glucoside inhibit human colon cancer (SW480) cells by the induction of apoptosis. <i>Food and Chemical Toxicology</i> , 2011 , 49, 1616-25	4.7	39
28	Rapid HPLC-UV method for quantification of l-citrulline in watermelon and its potential role on smooth muscle relaxation markers. <i>Food Chemistry</i> , 2011 , 127, 240-248	8.5	38
27	Chemical composition of volatile oil from <i>Citrus limettioides</i> and their inhibition of colon cancer cell proliferation. <i>Industrial Crops and Products</i> , 2013 , 45, 200-207	5.9	37
26	Citrus flavonoid represses <i>Salmonella</i> pathogenicity island 1 and motility in <i>S. Typhimurium</i> LT2. <i>International Journal of Food Microbiology</i> , 2011 , 145, 28-36	5.8	31

25	Radical scavenging capacities and inhibition of human prostate (LNCaP) cell proliferation by <i>Fortunella margarita</i> . <i>Food Chemistry</i> , 2012 , 131, 184-191	8.5	29
24	Metabolomic studies of volatiles from tomatoes grown in net-house and open-field conditions. <i>Food Chemistry</i> , 2019 , 275, 282-291	8.5	27
23	A metabolomics approach to identify and quantify the phytochemicals in watermelons by quantitative (1)HNMR. <i>Talanta</i> , 2016 , 153, 268-77	6.2	26
22	Inhibition of <i>Escherichia coli</i> O157:H7 motility and biofilm by β -sitosterol glucoside. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 5219-28	4	25
21	Antibacterial activity of <i>Aristolochia bracteata</i> root extracts. <i>Journal of Medicinal Food</i> , 2003 , 6, 401-3	2.8	23
20	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	4.1	22
19	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	6.8	20
18	Ethylene degreening modulates health promoting phytochemicals in Rio Red grapefruit. <i>Food Chemistry</i> , 2015 , 188, 77-83	8.5	19
17	Influence of pre- and post-harvest factors and processing on the levels of furocoumarins in grapefruits (<i>Citrus paradisi</i> Macfed.). <i>Food Chemistry</i> , 2008 , 111, 387-92	8.5	18
16	Metabolite profiling and in vitro biological activities of two commercial bitter melon (<i>Momordica charantia</i> Linn.) cultivars. <i>Food Chemistry</i> , 2019 , 288, 178-186	8.5	15
15	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	6.2	15
14	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	4.6	15
13	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, 385-90	3.2	15
12	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, 394-7	4.5	15
11	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	7	13
10	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	5.4	12
9	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	1.9	7
8	Citrus nomilin down-regulates TNF-induced proliferation of aortic smooth muscle cells via apoptosis and inhibition of IB. <i>European Journal of Pharmacology</i> , 2017 , 811, 93-100	5.3	4

7	BetaSweet carrot extracts have antioxidant activity and in vitro antiproliferative effects against breast cancer cells. <i>Journal of Functional Foods</i> , 2019 , 62, 103552	5.1	3
6	LEMON (CITRUS LEMON L. BURM) AS A SOURCE OF UNIQUE BIOACTIVE COMPOUNDS. <i>Acta Horticulturae</i> , 2014 , 377-380	0.3	1
5	IMPACT OF CITRUS LIMONOIDS ON HUMAN HEALTH. <i>Acta Horticulturae</i> , 2007 , 127-134	0.3	1
4	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	4.1	1
3	Grapefruit 2020 , 393-404		0
2	PREVENTION OF CANCER BY NATURALLY OCCURRING BIOACTIVE COMPOUNDS: CONVENTIONAL WISDOM OR REALITY?. <i>Acta Horticulturae</i> , 2014 , 247-254	0.3	
1	ANTIOXIDANT ACTIVITIES OF KAGZI LIME (CITRUS AURANTIFOLIA SWINGLE). <i>Acta Horticulturae</i> , 2014 , 381-384	0.3	