

Lavanya Reddivari

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,297
citations

201674

27
h-index

214800

47
g-index

62
all docs

62
docs citations

62
times ranked

3073
citing authors

#	ARTICLE	IF	CITATIONS
1	Resveratrol suppresses IGF-1 induced human colon cancer cell proliferation and elevates apoptosis via suppression of IGF-1R/Wnt and activation of p53 signaling pathways. <i>BMC Cancer</i> , 2010, 10, 238.	2.6	200
2	Anthocyanin fraction from potato extracts is cytotoxic to prostate cancer cells through activation of caspase-dependent and caspase-independent pathways. <i>Carcinogenesis</i> , 2007, 28, 2227-2235.	2.8	159
3	Characterization of Microbial Dysbiosis and Metabolomic Changes in Dogs with Acute Diarrhea. <i>PLoS ONE</i> , 2015, 10, e0127259.	2.5	135
4	Variation in the content of bioactive flavonoids in different brands of orange and grapefruit juices. <i>Journal of Food Composition and Analysis</i> , 2006, 19, 157-166.	3.9	114
5	Cooking Methods and Storage Treatments of Potato: Effects on Carotenoids, Antioxidant Activity, and Phenolics. <i>American Journal of Potato Research</i> , 2010, 87, 479-491.	0.9	114
6	Anthocyanin-containing purple-fleshed potatoes suppress colon tumorigenesis via elimination of colon cancer stem cells. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1641-1649.	4.2	97
7	Genotype, Location, and Year Influence Antioxidant Activity, Carotenoid Content, Phenolic Content, and Composition in Specialty Potatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8073-8079.	5.2	87
8	Determination of phenolic content, composition and their contribution to antioxidant activity in specialty potato selections. <i>American Journal of Potato Research</i> , 2007, 84, 275-282.	0.9	79
9	The Anti-inflammatory Effects of Dietary Anthocyanins against Ulcerative Colitis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2588.	4.1	78
10	Storage Elevates Phenolic Content and Antioxidant Activity but Suppresses Antiproliferative and Pro-apoptotic Properties of Colored-Flesh Potatoes against Human Colon Cancer Cell Lines. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8155-8166.	5.2	75
11	Development of cold plasma pretreatment for improving phenolics extractability from tomato pomace. <i>Innovative Food Science and Emerging Technologies</i> , 2020, 65, 102445.	5.6	74
12	The Bioactive Compounds $\hat{\pm}$ -Chaconine and Gallic Acid in Potato Extracts Decrease Survival and Induce Apoptosis in LNCaP and PC3 Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2010, 62, 601-610.	2.0	62
13	Enhancement of phenolic compounds extraction from grape pomace by high voltage atmospheric cold plasma. <i>LWT - Food Science and Technology</i> , 2020, 133, 109970.	5.2	61
14	Eugenia jambolana (Java Plum) Fruit Extract Exhibits Anti-Cancer Activity against Early Stage Human HCT-116 Colon Cancer Cells and Colon Cancer Stem Cells. <i>Cancers</i> , 2016, 8, 29.	3.7	60
15	Grain and sweet sorghum (<i>Sorghum bicolor</i> L. Moench) serves as a novel source of bioactive compounds for human health. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 2867-2881.	10.3	58
16	Resveratrol suppresses human colon cancer cell proliferation and induces apoptosis via targeting the pentose phosphate and the talin-FAK signaling pathways-A proteomic approach. <i>Proteome Science</i> , 2011, 9, 49.	1.7	57
17	Combined Effects of Storage and Processing on the Bioactive Compounds and Pro-Apoptotic Properties of Color-Fleshed Potatoes in Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11088-11096.	5.2	57
18	Grape compounds suppress colon cancer stem cells in vitro and in a rodent model of colon carcinogenesis. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 278.	3.7	55

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19	Colon carcinogenesis: Influence of Western diet-induced obesity and targeting stem cells using dietary bioactive compounds. <i>Nutrition</i> , 2014, 30, 1242-1256.	2.4	49
20	Triphala Extract Suppresses Proliferation and Induces Apoptosis in Human Colon Cancer Stem Cells via Suppressing c-Myc/Cyclin D1 and Elevation of Bax/Bcl-2 Ratio. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	47
21	Targeted Phenolic Characterization and Antioxidant Bioactivity of Extracts from Edible <i>Acheta domesticus</i> . <i>Foods</i> , 2021, 10, 2295.	4.3	36
22	Interspecific Variability for Antioxidant Activity and Phenolic Content Among <i>Solanum</i> Species. <i>American Journal of Potato Research</i> , 2008, 85, 332.	0.9	34
23	The Dermal Layer of Sweet Sorghum (<i>Sorghum bicolor</i>) Stalk, a Byproduct of Biofuel Production and Source of Unique 3-Deoxyanthocyanidins, Has More Antiproliferative and Proapoptotic Activity than the Pith in p53 Variants of HCT116 and Colon Cancer Stem Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3150-3159.	5.2	34
24	Identification and Characterization of Edible Cricket Peptides on Hypertensive and Glycemic In Vitro Inhibition and Their Anti-Inflammatory Activity on RAW 264.7 Macrophage Cells. <i>Nutrients</i> , 2020, 12, 3588.	4.1	34
25	Inulin Fermentable Fiber Ameliorates Type I Diabetes via IL22 and Short-Chain Fatty Acids in Experimental Models. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 983-1000.	4.5	33
26	Antiproliferative Activity and Cytotoxicity of <i>Solanum jamesii</i> Tuber Extracts on Human Colon and Prostate Cancer Cells in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8308-8315.	5.2	30
27	A food-based approach that targets interleukin-6, a key regulator of chronic intestinal inflammation and colon carcinogenesis. <i>Journal of Nutritional Biochemistry</i> , 2017, 43, 11-17.	4.2	30
28	Anthocyanin-containing purple potatoes ameliorate DSS-induced colitis in mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 93, 108616.	4.2	30
29	Enzyme kinetics, molecular docking, and in silico characterization of canary seed (<i>Phalaris</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2022, 88, 104892.	3.4	30
30	Resveratrol potentiates grape seed extract induced human colon cancer cell apoptosis. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1509-1523.	1.8	27
31	Mitigation of Obesity-Promoted Diseases by <i>Nigella sativa</i> and Thymoquinone. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 111-119.	3.2	25
32	A 90 day oral toxicity study of blueberry polyphenols in ovariectomized sprague-dawley rats. <i>Food and Chemical Toxicology</i> , 2020, 139, 111254.	3.6	22
33	Potato: an Anti-Inflammatory Food. <i>American Journal of Potato Research</i> , 2019, 96, 164-169.	0.9	19
34	Potential Metabolite Biomarkers for Acute Versus Chronic Stage of Ischemic Stroke: A Pilot Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104618.	1.6	19
35	Indian gooseberry (<i>Emblica officinalis</i> Gaertn.) suppresses cell proliferation and induces apoptosis in human colon cancer stem cells independent of p53 status via suppression of c-Myc and cyclin D1. <i>Journal of Functional Foods</i> , 2016, 25, 267-278.	3.4	17
36	Genetics of serum carotenoid concentrations and their correlation with obesity-related traits in Mexican American children. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 52-58.	4.7	16

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37	Intestinal Mucosal Barrier Function Restoration in Mice by Maize Diet Containing Enriched Flavan-4-Ols. <i>Nutrients</i> , 2020, 12, 896.	4.1	15
38	The effects of low-dose gamma irradiation and storage time on carotenoids, antioxidant activity, and phenolics in the potato cultivar atlantic. <i>American Journal of Potato Research</i> , 2007, 84, 125-131.	0.9	14
39	Effect of Genotype and Storage on Glycoalkaloid and Acrylamide Content and Sensory Attributes of Potato Chips. <i>American Journal of Potato Research</i> , 2014, 91, 632-641.	0.9	14
40	Characterization of Maize Near-Isogenic Lines With Enhanced Flavonoid Expression to Be Used as Tools in Diet-Health Complexity. <i>Frontiers in Plant Science</i> , 2020, 11, 619598.	3.6	12
41	The Use of Low-Dose Electron-Beam Irradiation and Storage Conditions for Sprout Control and their Effects on Xanthophylls, Antioxidant Capacity, and Phenolics in the Potato Cultivar Atlantic. <i>American Journal of Potato Research</i> , 2015, 92, 609-618.	0.9	11
42	A swine model of soy protein-induced food allergenicity: implications in human and swine nutrition. <i>Animal Frontiers</i> , 2019, 9, 52-59.	1.7	11
43	Pigs, Unlike Mice, Have Two Distinct Colonic Stem Cell Populations Similar to Humans That Respond to High-Calorie Diet prior to Insulin Resistance. <i>Cancer Prevention Research</i> , 2017, 10, 442-450.	1.5	10
44	American Indian Purple potato matrix rich in xanthohumol is potent in suppressing proliferation and elevating apoptosis of human colon cancer cells. <i>International Journal of Food Science and Technology</i> , 2014, 49, 2464-2471.	2.7	9
45	Pro-apoptotic activity against cancer stem cells differs between different parts of sweet sorghum. <i>Journal of Functional Foods</i> , 2016, 23, 601-613.	3.4	6
46	Serum carotenoids and Pediatric Metabolic Index predict insulin sensitivity in Mexican American children. <i>Scientific Reports</i> , 2021, 11, 871.	3.3	6
47	Effect of Salinity Stress and Surfactant Treatment on Physiological Traits and Nutrient Absorption of Fenugreek Plant. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2807-2820.	1.4	5
48	Role of Gut Microbiota in the Anti-Colitic Effects of Anthocyanin-Containing Potatoes. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100152.	3.3	5
49	Intermittent antibiotic treatment accelerated the development of colitis in IL-10 knockout mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112486.	5.6	5
50	Anthocyanins as Apoptotic Regulators. , 2012, , 93-122.		4
51	Purple-fleshed potatoes suppress colon-systemic oxidative stress/inflammatory markers via alternations in the gut bacterial signature. <i>FASEB Journal</i> , 2013, 27, 1056.9.	0.5	4
52	Anthocyanin-Containing Purple Potatoes Ameliorate DSS-Induced Colitis in Mice. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa045_059.	0.3	3
53	Maize Flavan-4-ols and Anthocyanins Alleviated Dextran Sulfate Sodium-Induced Colitis in Mice via Intestinal Barrier Function Restoration. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa045_121.	0.3	3
54	Resveratrol and grape seed extract combination elevates apoptosis in the colon cancer stem cells, even in the presence of IGF1, via P53 dependent pathway. <i>FASEB Journal</i> , 2012, 26, 822.13.	0.5	2

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55	Oxidative Stress Protection by Canary Seed (<i>Phalaris canariensis</i> L.) Peptides in Caco-2 Cells and <i>Caenorhabditis elegans</i> . <i>Nutrients</i> , 2022, 14, 2415.	4.1	2
56	Purple potato, even after processing, suppress oxidative stress and inflammatory markers in high-fat diet consuming pigs. <i>FASEB Journal</i> , 2012, 26, 823.5.	0.5	1
57	Anti-inflammatory Effect of Table Grapes in Apc(Min/+) Mouse Model of Intestinal Tumorigenesis. <i>FASEB Journal</i> , 2019, 33, 872.2.	0.5	1
58	Identification of Specialty Potato Selections with High Antioxidant Activity. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 812C-812.	1.0	0
59	Variation in Bioactive Flavonoid Content of Commercial Brands of Orange Juices. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2004, 39, 858C-858.	1.0	0
60	IDENTIFICATION OF COMPOUNDS CONTRIBUTING TO ANTIOXIDANT ACTIVITY IN SPECIALTY POTATOES (<i>Solanum tuberosum</i> L.). <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 873f-874.	1.0	0
61	Purple potatoes suppress pro-inflammatory eicosanoids in the distal colon of obese pigs consuming high-fat diet. <i>FASEB Journal</i> , 2011, 25, .	0.5	0
62	Grape Seed Extract Potentiates Resveratrol Induced Human Cancer Cell Apoptosis via Activation of p53-Dependent Signaling Pathway. <i>FASEB Journal</i> , 2011, 25, 235.7.	0.5	0