Jairam Vanamala

List of Publications by Year
in descending order

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23 papers	1,435 citations	430874 18 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	2119 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. BMC Cancer, 2010, 10, 238.	2.6	200
2	Suppression of colon carcinogenesis by bioactive compounds in grapefruit. Carcinogenesis, 2006, 27, 1257-1265.	2.8	165
3	Anthocyanin fraction from potato extracts is cytotoxic to prostate cancer cells through activation of caspase-dependent and caspase-independent pathways. Carcinogenesis, 2007, 28, 2227-2235.	2.8	159
4	Variation in the content of bioactive flavonoids in different brands of orange and grapefruit juices. Journal of Food Composition and Analysis, 2006, 19, 157-166.	3.9	114
5	Apigenin and naringenin suppress colon carcinogenesis through the aberrant crypt stage in azoxymethane-treated rats. Experimental Biology and Medicine, 2010, 235, 710-717.	2.4	113
6	Irradiation and storage influence on bioactive components and quality of early and late season â€˜Rio Redâ€™ grapefruit (Citrus paradisi Macf.). Postharvest Biology and Technology, 2004, 34, 53-64.	6.0	80
7	Storage Elevates Phenolic Content and Antioxidant Activity but Suppresses Antiproliferative and Pro-apoptotic Properties of Colored-Flesh Potatoes against Human Colon Cancer Cell Lines. Journal of Agricultural and Food Chemistry, 2011, 59, 8155-8166.	5.2	75
8	Bioactive Compounds of Grapefruit (Citrus paradisiCv. Rio Red) Respond Differently to Postharvest Irradiation, Storage, and Freeze Drying. Journal of Agricultural and Food Chemistry, 2005, 53, 3980-3985.	5.2	72
9	The Bioactive Compounds Î±-Chaconine and Gallic Acid in Potato Extracts Decrease Survival and Induce Apoptosis in LNCaP and PC3 Prostate Cancer Cells. Nutrition and Cancer, 2010, 62, 601-610.	2.0	62
10	Eugenia jambolana (Java Plum) Fruit Extract Exhibits Anti-Cancer Activity against Early Stage Human HCT-116 Colon Cancer Cells and Colon Cancer Stem Cells. Cancers, 2016, 8, 29.	3.7	60
11	Resveratrol suppresses human colon cancer cell proliferation and induces apoptosis via targeting the pentose phosphate and the talin-FAK signaling pathways-A proteomic approach. Proteome Science, 2011, 9, 49.	1.7	57
12	Combined Effects of Storage and Processing on the Bioactive Compounds and Pro-Apoptotic Properties of Color-Fleshed Potatoes in Human Colon Cancer Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 11088-11096.	5.2	57
13	Colon carcinogenesis: Influence of Western diet-induced obesity and targeting stem cells using dietary bioactive compounds. Nutrition, 2014, 30, 1242-1256.	2.4	49
14	Food systems approach to cancer prevention. Critical Reviews in Food Science and Nutrition, 2017, 57, 2573-2588.	10.3	37
15	The Dermal Layer of Sweet Sorghum (Sorghum bicolor) 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. Journal of Agricultural and Food Chemistry, 2014, 62, 3150-3159.	5.2	34
16	Resveratrol potentiates grape seed extract induced human colon cancer cell apoptosis. Frontiers in Bioscience - Elite, 2011, E3, 1509-1523.	1.8	27
17	Ionizing radiation and marketing simulation on bioactive compounds and quality of grapefruit (Citrus) Tj ETQq1 1 0.784314 rgBT /Ov	8.2	23
18	Obesity-Enhanced Colon Cancer: Functional Food Compounds and their Mechanisms of Action. Current Cancer Drug Targets, 2008, 8, 611-633.	1.6	21

#	Article	IF	Citations
19	Effect of Genotype and Storage on Glycoalkaloid and Acrylamide Content and Sensory Attributes of Potato Chips. American Journal of Potato Research, 2014, 91, 632-641.	0.9	14
20	American <scp>I</scp>ndia <scp>P</scp>ale <scp>A</scp>le matrix rich in xanthohumol is potent in suppressing proliferation and elevating apoptosis of human colon cancer cells. International Journal of Food Science and Technology, 2014, 49, 2464-2471.	2.7	9
21	Anthocyanins as Apoptotic Regulators. , 2012, , 93-122.		4
22	Comparison of the Chemoprotection Conferred by Grapefruit and Isolated Bioactive Compounds against Colon Cancer. ACS Symposium Series, 2006, , 121-129.	0.5	3
23	Fish oil and pectin enhance apoptosis in irradiated rat colonocytes via suppression of PGE synthaseâ€2 and Wnt pathway. FASEB Journal, 2006, 20, A993.	0.5	0