Jairam K P Vanamala

List of Publications by Year
in descending order

44	1,601	361413	302126
papers	citations	20 h-index	39 g-index

44	44	44	2859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Intestinal Metabolome: An Intersection Between Microbiota and Host. Gastroenterology, 2014, 146, 1470-1476.	1.3	227
2	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
3	Causal Relationship between Diet-Induced Gut Microbiota Changes and Diabetes: A Novel Strategy to Transplant Faecalibacterium prausnitzii in Preventing Diabetes. International Journal of Molecular Sciences, 2018, 19, 3720.	4.1	138
4	Characterization of Microbial Dysbiosis and Metabolomic Changes in Dogs with Acute Diarrhea. PLoS ONE, 2015, 10, e0127259.	2.5	135
5	Anthocyanin-containing purple-fleshed potatoes suppress colon tumorigenesis via elimination of colon cancer stem cells. Journal of Nutritional Biochemistry, 2015, 26, 1641-1649.	4.2	97
6	Perinatal Bisphenol A Exposure Induces Chronic Inflammation in Rabbit Offspring via Modulation of Gut Bacteria and Their Metabolites. MSystems, 2017, 2, .	3.8	75
7	Comparison of rumen bacterial communities in dairy herds of different production. BMC Microbiology, 2017, 17, 190.	3.3	62
8	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
9	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
10	Grape compounds suppress colon cancer stem cells in vitro and in a rodent model of colon carcinogenesis. BMC Complementary and Alternative Medicine, 2016, 16, 278.	3.7	55
11	Colon carcinogenesis: Influence of Western diet-induced obesity and targeting stem cells using dietary bioactive compounds. Nutrition, 2014, 30, 1242-1256.	2.4	49
12	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. BioMed Research International, 2015, 2015, 1-12.	1.9	47
13	Food systems approach to cancer prevention. Critical Reviews in Food Science and Nutrition, 2017, 57, 2573-2588.	10.3	37
14	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
15	A food-based approach that targets interleukin-6, a key regulator of chronic intestinal inflammation and colon carcinogenesis. Journal of Nutritional Biochemistry, 2017, 43, 11-17.	4.2	30
16	Anthocyanin-containing purple potatoes ameliorate DSS-induced colitis in mice. Journal of Nutritional Biochemistry, 2021, 93, 108616.	4.2	30
17	Soy protein concentrate mitigates markers of colonic inflammation and loss of gut barrier function in vitro and in vivo. Journal of Nutritional Biochemistry, 2017, 40, 201-208.	4.2	28
18	Resveratrol potentiates grape seed extract induced human colon cancer cell apoptosis. Frontiers in Bioscience - Elite, 2011, E3, 1509-1523.	1.8	27

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19	Mitigation of Obesity-Promoted Diseases by Nigella sativa and Thymoquinone. Plant Foods for Human Nutrition, 2012, 67, 111-119.	3.2	25
20	Obesity-Enhanced Colon Cancer: Functional Food Compounds and their Mechanisms of Action. Current Cancer Drug Targets, 2008, 8, 611-633.	1.6	21
21	Can Your Microbiome Tell You What to Eat?. Cell Metabolism, 2015, 22, 960-961.	16.2	19
22	Potential Metabolite Biomarkers for Acute Versus Chronic Stage of Ischemic Stroke: A Pilot Study. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104618.	1.6	19
23	Children with Crohnâ€™s Disease Frequently Consume Select Food Additives. Digestive Diseases and Sciences, 2018, 63, 2722-2728.	2.3	16
24	Targeting hallmarks of cancer with a food-systemâ€“based approach. Nutrition, 2020, 69, 110563.	2.4	16
25	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
26	Long chain polyunsaturated fatty acids (LCPUFAs) and nordihydroguaiaretic acid (NDGA) modulate metabolic and inflammatory markers in a spontaneous type 2 diabetes mellitus model (Stillman) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	3.0	14
27	Ancient Diet: Gut Microbiota, Immunity, and Health. Yale Journal of Biology and Medicine, 2018, 91, 177-184.	0.2	11
28	Metabolite signatures of diabetes with cardiovascular disease: a pilot investigation. Metabolomics, 2017, 13, 1.	3.0	10
29	Pigs, Unlike Mice, Have Two Distinct Colonic Stem Cell Populations Similar to Humans That Respond to High-Calorie Diet prior to Insulin Resistance. Cancer Prevention Research, 2017, 10, 442-450.	1.5	10
30	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
31	Genetic and environmental (physical fitness and sedentary activity) interaction effects on cardiometabolic risk factors in Mexican American children and adolescents. Genetic Epidemiology, 2018, 42, 378-393.	1.3	7
32	Potatoes for Targeting Colon Cancer Stem Cells. American Journal of Potato Research, 2019, 96, 177-182.	0.9	7
33	Serum carotenoids and Pediatric Metabolic Index predict insulin sensitivity in Mexican American children. Scientific Reports, 2021, 11, 871.	3.3	6
34	Role of Gut Microbiota in the Antiâ€Colitic Effects of Anthocyaninâ€Containing Potatoes. Molecular Nutrition and Food Research, 2021, 65, e2100152.	3.3	5
35	Resveratrol and grape seed extract combination elevates apoptosis in the colon cancer stem cells, even in the presence of IGFâ€1, via P53 dependent pathway. FASEB Journal, 2012, 26, 822.13.	0.5	2
36	Processed purpleâ€fleshed potato prevents and protects against highâ€fat diet elevated oxidative stress and inflammation markers in vivo in a pig model. FASEB Journal, 2013, 27, 862.21.	0.5	2

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37	Purple potato, even after processing, suppress oxidative stress and inflammatory markers in highâ€fat diet consuming pigs. FASEB Journal, 2012, 26, 823.5.	0.5	1
38	Highâ€Calorie Diet Induced Chronic Colonic inflammation: A Humanâ€Relevant Porcine Model to Assess Whole Food Approach to Reduce Colon Cancer Risk. FASEB Journal, 2016, 30, 416.2.	0.5	1
39	Sweet Sorghum (Sorghum bicolor) Stalk Extract, a Byproduct of Biofuel Production, Ameliorates Systemic Oxidative Stress in a Murine Model of Highâ€Caloric Dietâ€Induced Obesity. FASEB Journal, 2016, 30, 404.3.	0.5	1
40	Purple potatoes suppress proâ€inflammatory eicosanoids in the distal colon of obese pigs consuming highâ€fat diet. FASEB Journal, 2011, 25, .	0.5	0
41	Grape Seed Extract Potentiates Resveratrol Induced Human Cancer Cell Apoptosis via Activation of p53â€Dependent Signaling Pathway. FASEB Journal, 2011, 25, 235.7.	0.5	0
42	The p53â€dependent elevation of human colon cancer stem cell apoptosis by â€œJava Plumâ€•anthocyanins. FASEB Journal, 2013, 27, 1079.6.	0.5	0
43	Baked purple potato extracts, containing anthocyanins, elevate apoptosis in colon cancer stem cells via p53 independent pathways. FASEB Journal, 2013, 27, 1079.11.	0.5	0
44	Assessment of Phenotypic and Genotypic Diversity in Elite Temperate and Tropical Sweet Sorghum Cultivars. Sugar Tech, 0, , 1.	1.8	0