

# Stephen T Talcott

## List of Publications by Citations

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39  
papers

800  
citations

16  
h-index

28  
g-index

42  
ext. papers

954  
ext. citations

4.3  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
39	Vermicompost extracts influence growth, mineral nutrients, phytonutrients and antioxidant activity in pak choi ( <i>Brassica rapa</i> cv. Bonsai, <i>Chinensis</i> group) grown under vermicompost and chemical fertiliser. <i>Journal of the Science of Food and Agriculture</i> , <b>2009</b> , 89, 2383-2392	4.3	82
38	Effect of nanoencapsulation using PLGA on antioxidant and antimicrobial activities of guabiroba fruit phenolic extract. <i>Food Chemistry</i> , <b>2018</b> , 240, 396-404	8.5	77
37	Mango polyphenolics reduce inflammation in intestinal colitis-involvement of the miR-126/PI3K/AKT/mTOR axis in vitro and in vivo. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 197-207	5	66
36	Comparison of anti-inflammatory mechanisms of mango ( <i>Mangifera Indica</i> L.) and pomegranate ( <i>Punica Granatum</i> L.) in a preclinical model of colitis. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 1912-23	5.9	55
35	Cocoplum ( <i>Chrysobalanus icaco</i> L.) anthocyanins exert anti-inflammatory activity in human colon cancer and non-malignant colon cells. <i>Food and Function</i> , <b>2017</b> , 8, 307-314	6.1	46
34	Mango polyphenolics suppressed tumor growth in breast cancer xenografts in mice: role of the PI3K/AKT pathway and associated microRNAs. <i>Nutrition Research</i> , <b>2015</b> , 35, 744-51	4	44
33	Polyphenolics and Antioxidant Capacity of White and Blue Corns Processed into Tortillas and Chips. <i>Cereal Chemistry</i> , <b>2007</b> , 84, 162-168	2.4	41
32	Pre-heating and polyphenol oxidase inhibition impact on extraction of purple sweet potato anthocyanins. <i>Food Chemistry</i> , <b>2015</b> , 180, 227-234	8.5	39
31	Pomegranate polyphenolics reduce inflammation and ulceration in intestinal colitis-involvement of the miR-145/p70S6K1/HIF1 $\alpha$ axis in vivo and in vitro. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 43, 107-115	6.3	38
30	Polyphenolics from mango ( <i>Mangifera indica</i> L.) suppress breast cancer ductal carcinoma in situ proliferation through activation of AMPK pathway and suppression of mTOR in athymic nude mice. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 41, 12-19	6.3	36
29	Influence of diabetes on plasma pharmacokinetics and brain bioavailability of grape polyphenols and their phase II metabolites in the Zucker diabetic fatty rat. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1700111	5.9	29
28	Effect of dark sweet cherry powder consumption on the gut microbiota, short-chain fatty acids, and biomarkers of gut health in obese db/db mice. <i>PeerJ</i> , <b>2018</b> , 6, e4195	3.1	28
27	Obesity-Associated Diseases Biomarkers Are Differently Modulated in Lean and Obese Individuals and Inversely Correlated to Plasma Polyphenolic Metabolites After 6 Weeks of Mango ( <i>Mangifera indica</i> L.) Consumption. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1800129	5.9	25
26	Urinary metabolites from mango ( <i>Mangifera indica</i> L. cv. Keitt) galloyl derivatives and in vitro hydrolysis of gallotannins in physiological conditions. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 542-50	5.9	24
25	Establishing Standards on Colors from Natural Sources. <i>Journal of Food Science</i> , <b>2017</b> , 82, 2539-2553	3.4	22
24	Plum polyphenols inhibit colorectal aberrant crypt foci formation in rats: potential role of the miR-143/protein kinase B/mammalian target of rapamycin axis. <i>Nutrition Research</i> , <b>2016</b> , 36, 1105-1113	4	16
23	Polyphenol-rich Mango ( <i>Mangifera indica</i> L.) Ameliorate Functional Constipation Symptoms in Humans beyond Equivalent Amount of Fiber. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1701034	5.9	16

22	Phytochemical analysis of ten varieties of pawpaw ( <i>Asimina triloba</i> [L.] Dunal) fruit pulp. <i>Food Chemistry</i> , <b>2015</b> , 168, 656-61	8.5	16
21	Body Mass Index as a Determinant of Systemic Exposure to Gallotannin Metabolites during 6-Week Consumption of Mango ( <i>Mangifera indica</i> L.) and Modulation of Intestinal Microbiota in Lean and Obese Individuals. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1800512	5.9	16
20	Gallotannins and <i>Lactobacillus plantarum</i> WCFS1 Mitigate High-Fat Diet-Induced Inflammation and Induce Biomarkers for Thermogenesis in Adipose Tissue in Gnotobiotic Mice. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1800937	5.9	13
19	Non-anthocyanin phenolics in cherry ( <i>Prunus avium</i> L.) modulate IL-6, liver lipids and expression of PPAR $\alpha$ and LXRs in obese diabetic (db/db) mice. <i>Food Chemistry</i> , <b>2018</b> , 266, 405-414	8.5	13
18	Extracts from red muscadine and cabernet sauvignon wines induce cell death in MOLT-4 human leukemia cells. <i>Food Chemistry</i> , <b>2008</b> , 108, 824-32	8.5	12
17	<i>Ilex Vomitoria</i> Ait. (Yaupon): A Native North American Source of a Caffeinated and Antioxidant-Rich Tea. <i>Economic Botany</i> , <b>2009</b> , 63, 130-137	1.7	9
16	Mango (L.) Polyphenols: Anti-Inflammatory Intestinal Microbial Health Benefits, and Associated Mechanisms of Actions. <i>Molecules</i> , <b>2021</b> , 26,	4.8	8
15	Phospholipids and terpenes modulate Caco-2 transport of anthocyanins. <i>Food Chemistry</i> , <b>2015</b> , 175, 267-72	8.5	7
14	Chemical Genomic Profiling Unveils the in Vitro and in Vivo Antiplasmodial Mechanism of <i>Artocarpus Mart.</i> Polyphenols. <i>ACS Omega</i> , <b>2019</b> , 4, 15628-15635	3.9	6
13	Dark Sweet Cherry () Phenolics Enriched in Anthocyanins Induced Apoptosis in MDA-MB-453 Breast Cancer Cells through MAPK-Dependent Signaling and Reduced Invasion via Akt and PLC $\beta$ 1 Downregulation. <i>Nutrition and Cancer</i> , <b>2021</b> , 73, 1985-1997	2.8	4
12	Tannase improves gallic acid bioaccessibility and maintains the quality of mango juice. <i>International Journal of Food Science and Technology</i> , <b>2019</b> , 54, 1523-1529	3.8	3
11	Economic Analysis of an Isolated Product Obtained from Muscadine Grape Pomace. <i>HortTechnology</i> , <b>2010</b> , 20, 160-168	1.3	2
10	Profile of Gallic Acid Metabolites in Urine After the Intake of Mango ( <i>Mangifera indica</i> , L.) cv. Keitt in Humans.. <i>FASEB Journal</i> , <b>2015</b> , 29, 606.13	0.9	2
9	Improved recovery of galloyl metabolites from mango ( <i>Mangifera indica</i> L.) in human plasma using protein precipitation with sodium dodecyl sulfate and methanol. <i>Food Research International</i> , <b>2020</b> , 129, 108812	7	2
8	In vitro digestion, absorption and biological activities of acylated anthocyanins from purple sweet potatoes ( <i>Ipomoea batatas</i> ).. <i>Food Chemistry</i> , <b>2021</b> , 374, 131076	8.5	1
7	Absorption and Antioxidant Effects of Polyphenolics from Acai ( <i>Euterpe Oleracea</i> Mart) in Healthy Human Volunteers. <i>FASEB Journal</i> , <b>2007</b> , 21, A51	0.9	
6	<i>Artocarpus</i> ( <i>Euterpe oleracea</i> Mart.) Beverage Preserves Antioxidant and Endothelial Protective Properties Against Inflammatory Injuries in vitro After Pasteurization and Storage. <i>FASEB Journal</i> , <b>2015</b> , 29, LB355	0.9	
5	<i>Chrysobalanus icaco</i> L. Anthocyanins Reduced Cell Proliferation and Inflammation in HT-29 Colon Cancer Cells. <i>FASEB Journal</i> , <b>2015</b> , 29, LB354	0.9	

- 4 Effect of Phospholipids on the Stability and Absorption of Anthocyanins. *FASEB Journal*, **2010**, 24, 535.4 0.9
- 3 Anti-obesity and Anti-inflammatory Effect of Acai Polyphenols in 3T3-L1 Adipocytes. *FASEB Journal*, **2013**, 27, 865.5 0.9
- 2 Pomegranate Polyphenolics reduce inflammation in Intestinal Colitis - Potential Involvement of the miR-145/p70S6K/HIF1 $\alpha$  Pathway. *FASEB Journal*, **2013**, 27, 248.8 0.9
- 1 Pomegranate Polyphenols Suppress Colorectal Aberrant Crypt Foci (ACF) and Inflammation: Possible role of miR126 in vitro and in vivo. *FASEB Journal*, **2013**, 27, 248.5 0.9