

Stephen T Talcott

List of Publications by Year in Descending Order

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

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	In vitro digestion, absorption and biological activities of acylated anthocyanins from purple sweet potatoes (<i>Ipomoea batatas</i>).. <i>Food Chemistry</i> , 2021 , 374, 131076	8.5	1
38	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 PLCβ1 Downregulation. <i>Nutrition and Cancer</i> , 2021 , 73, 1985-1997	2.8	4
37	Mango (L.) Polyphenols: Anti-Inflammatory Intestinal Microbial Health Benefits, and Associated Mechanisms of Actions. <i>Molecules</i> , 2021 , 26,	4.8	8
36	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> , 2020 , 129, 108812	7	2
35	Chemical Genomic Profiling Unveils the in Vitro and in Vivo Antiplasmodial Mechanism of Aβγ (Mart.) Polyphenols. <i>ACS Omega</i> , 2019 , 4, 15628-15635	3.9	6
34	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> , 2019 , 63, e1800937	5.9	13
33	Tannase improves gallic acid bioaccessibility and maintains the quality of mango juice. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 1523-1529	3.8	3
32	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> , 2019 , 63, e1800512	5.9	16
31	Effect of nanoencapsulation using PLGA on antioxidant and antimicrobial activities of guabiroba fruit phenolic extract. <i>Food Chemistry</i> , 2018 , 240, 396-404	8.5	77
30	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> , 2018 , 62, e1701034	5.9	16
29	Non-anthocyanin phenolics in cherry (<i>Prunus avium</i> L.) modulate IL-6, liver lipids and expression of PPARβ and LXRs in obese diabetic (db/db) mice. <i>Food Chemistry</i> , 2018 , 266, 405-414	8.5	13
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> , 2018 , 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> , 2018 , 62, e1800129	5.9	25
26	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> , 2017 , 56, 197-207	5	66
25	Pomegranate polyphenolics reduce inflammation and ulceration in intestinal colitis-involvement of the miR-145/p70S6K1/HIF1β axis in vivo and in vitro. <i>Journal of Nutritional Biochemistry</i> , 2017 , 43, 107-115	6.3	38
24	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> , 2017 , 61, 1700111	5.9	29
23	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> , 2017 , 8, 307-314	6.1	46

22	Establishing Standards on Colors from Natural Sources. <i>Journal of Food Science</i> , 2017 , 82, 2539-2553	3.4	22
21	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> , 2017 , 41, 12-19	6.3	36
20	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> , 2016 , 36, 1105-1113	4	16
19	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> , 2016 , 60, 1912-23	5.9	55
18	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> , 2016 , 60, 542-50	5.9	24
17	Mango polyphenolics suppressed tumor growth in breast cancer xenografts in mice: role of the PI3K/AKT pathway and associated microRNAs. <i>Nutrition Research</i> , 2015 , 35, 744-51	4	44
16	Phospholipids and terpenes modulate Caco-2 transport of anthocyanins. <i>Food Chemistry</i> , 2015 , 175, 267-72	8.5	7
15	Phytochemical analysis of ten varieties of pawpaw (<i>Asimina triloba</i> [L.] Dunal) fruit pulp. <i>Food Chemistry</i> , 2015 , 168, 656-61	8.5	16
14	Pre-heating and polyphenol oxidase inhibition impact on extraction of purple sweet potato anthocyanins. <i>Food Chemistry</i> , 2015 , 180, 227-234	8.5	39
13	Antioxidant and Endothelial Protective Properties Against Inflammatory Injuries in vitro After Pasteurization and Storage. <i>FASEB Journal</i> , 2015 , 29, LB355	0.9	
12	Chrysobalanus icaco L. Anthocyanins Reduced Cell Proliferation and Inflammation in HT-29 Colon Cancer Cells. <i>FASEB Journal</i> , 2015 , 29, LB354	0.9	
11	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> , 2015 , 29, 606.13	0.9	2
10	Anti-obesity and Anti-inflammatory Effect of Acai Polyphenols in 3T3-L1 Adipocytes. <i>FASEB Journal</i> , 2013 , 27, 865.5	0.9	
9	Pomegranate Polyphenolics reduce inflammation in Intestinal Colitis - Potential Involvement of the miR-145/p70S6K/HIF1 α Pathway. <i>FASEB Journal</i> , 2013 , 27, 248.8	0.9	
8	Pomegranate Polyphenols Suppress Colorectal Aberrant Crypt Foci (ACF) and Inflammation: Possible role of miR126 in vitro and in vivo. <i>FASEB Journal</i> , 2013 , 27, 248.5	0.9	
7	Economic Analysis of an Isolated Product Obtained from Muscadine Grape Pomace. <i>HortTechnology</i> , 2010 , 20, 160-168	1.3	2
6	Effect of Phospholipids on the Stability and Absorption of Anthocyanins. <i>FASEB Journal</i> , 2010 , 24, 535.4	0.9	
5	Vermicompost extracts influence growth, mineral nutrients, phytonutrients and antioxidant activity in pak choi (<i>Brassica rapa</i> cv. Bonsai, Chinensis group) grown under vermicompost and chemical fertiliser. <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 2383-2392	4.3	82

4	Ilex Vomitoria Ait. (Yaupon): A Native North American Source of a Caffeinated and Antioxidant-Rich Tea. <i>Economic Botany</i> , 2009 , 63, 130-137	1.7	9
3	Extracts from red muscadine and cabernet sauvignon wines induce cell death in MOLT-4 human leukemia cells. <i>Food Chemistry</i> , 2008 , 108, 824-32	8.5	12
2	Polyphenolics and Antioxidant Capacity of White and Blue Corns Processed into Tortillas and Chips. <i>Cereal Chemistry</i> , 2007 , 84, 162-168	2.4	41
1	Absorption and Antioxidant Effects of Polyphenolics from Acai (<i>Euterpe Oleracea</i> Mart) in Healthy Human Volunteers. <i>FASEB Journal</i> , 2007 , 21, A51	0.9	