

Chuo Fang

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.

53
papers

1,928
citations

25
h-index

43
g-index

54
ext. papers

2,228
ext. citations

5.2
avg. IF

4.86
L-index

#	Paper	IF	Citations
53	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
52	Nutritional Aspects of Ecologically Relevant Phytochemicals in Ruminant Production. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 628445	3.1	8
51	GHS-R suppression in adipose tissues protects against obesity and insulin resistance by regulating adipose angiogenesis and fibrosis. <i>International Journal of Obesity</i> , 2021 , 45, 1565-1575	5.5	4
50	Mango (L.) Polyphenols: Anti-Inflammatory Intestinal Microbial Health Benefits, and Associated Mechanisms of Actions. <i>Molecules</i> , 2021 , 26,	4.8	8
49	Brightfield and fluorescence in-channel staining of thin blood smears generated in a pumpless microfluidic. <i>Analytical Methods</i> , 2021 , 13, 2238-2247	3.2	
48	Performance of concanavalin A-immobilized on polyacrylate beads for the detection of human norovirus and hepatitis A virus in fecal specimens. <i>Food Science and Biotechnology</i> , 2020 , 29, 1727-1733	3	3
47	Antitumor potential of dark sweet cherry sweet (<i>Prunus avium</i>) phenolics in suppressing xenograft tumor growth of MDA-MB-453 breast cancer cells. <i>Journal of Nutritional Biochemistry</i> , 2020 , 84, 108437	6.3	6
46	Commercial whey products promote intestinal barrier function with glycomacropptide enhanced activity in downregulating bacterial endotoxin lipopolysaccharides (LPS)-induced inflammation in vitro. <i>Food and Function</i> , 2020 , 11, 5842-5852	6.1	5
45	Mango (<i>Mangifera indica</i> L.) polyphenols reduce IL-8, GRO, and GM-SCF plasma levels and increase <i>Lactobacillus</i> species in a pilot study in patients with inflammatory bowel disease. <i>Nutrition Research</i> , 2020 , 75, 85-94	4	31
44	Chia seed (<i>Salvia hispanica</i> L.) effects and their molecular mechanisms on unbalanced diet experimental studies: A systematic review. <i>Journal of Food Science</i> , 2020 , 85, 226-239	3.4	8
43	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
42	Chemical Genomic Profiling Unveils the in Vitro and in Vivo Antiplasmodial Mechanism of Aβ1 (Mart.) Polyphenols. <i>ACS Omega</i> , 2019 , 4, 15628-15635	3.9	6
41	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
40	Portable bright-field, fluorescence, and cross-polarized microscope toward point-of-care imaging diagnostics. <i>Journal of Biomedical Optics</i> , 2019 , 24, 1-8	3.5	6
39	Polyphenols from mango (<i>Mangifera indica</i> L.) modulate PI3K/AKT/mTOR-associated micro-RNAs and reduce inflammation in non-cancer and induce cell death in breast cancer cells. <i>Journal of Functional Foods</i> , 2019 , 55, 9-16	5.1	14
38	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
37	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

36	Polyphenolic derivatives from mango (<i>Mangifera Indica</i> L.) modulate fecal microbiome, short-chain fatty acids production and the HDAC1/AMPK/LC3 axis in rats with DSS-induced colitis. <i>Journal of Functional Foods</i> , 2018 , 48, 243-251	5.1	26
35	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
34	Gallotannin derivatives from mango (<i>Mangifera indica</i> L.) suppress adipogenesis and increase thermogenesis in 3T3-L1 adipocytes in part through the AMPK pathway. <i>Journal of Functional Foods</i> , 2018 , 46, 101-109	5.1	32
33	Non-anthocyanin phenolics in cherry (<i>Prunus avium</i> L.) modulate IL-6, liver lipids and expression of PPAR α and LXRs in obese diabetic (db/db) mice. <i>Food Chemistry</i> , 2018 , 266, 405-414	8.5	13
32	Ghrelin Signaling in Immunometabolism and Inflamm-Aging. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1090, 165-182	3.6	8
31	Aloe Vera (<i>Euterpe oleracea</i> Mart.) beverage consumption improves biomarkers for inflammation but not glucose- or lipid-metabolism in individuals with metabolic syndrome in a randomized, double-blinded, placebo-controlled clinical trial. <i>Food and Function</i> , 2018 , 9, 3097-3103	6.1	32
30	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
29	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
28	Pomegranate polyphenolics reduce inflammation and ulceration in intestinal colitis-involvement of the miR-145/p70S6K1/HIF1 α axis in vivo and in vitro. <i>Journal of Nutritional Biochemistry</i> , 2017 , 43, 107-115	6.3	38
27	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
26	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
25	Effects of powdered Montmorency tart cherry supplementation on acute endurance exercise performance in aerobically trained individuals. <i>Journal of the International Society of Sports Nutrition</i> , 2016 , 13, 22	4.5	60
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> , 2016 , 36, 1105-1113	4	16
23	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
22	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
21	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
20	Consumption of polyphenol-rich peach and plum juice prevents risk factors for obesity-related metabolic disorders and cardiovascular disease in Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 633-41	6.3	47
19	Phospholipids and terpenes modulate Caco-2 transport of anthocyanins. <i>Food Chemistry</i> , 2015 , 175, 267-72	8.5	7

18	Effects of powdered Montmorency tart cherry supplementation on an acute bout of intense lower body strength exercise in resistance trained males. <i>Journal of the International Society of Sports Nutrition</i> , 2015 , 12, 41	4.5	46
17	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
16	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
15	Effects of 28 days of beta-alanine and creatine supplementation on muscle carnosine, body composition and exercise performance in recreationally active females. <i>Journal of the International Society of Sports Nutrition</i> , 2014 , 11, 55	4.5	28
14	Carbohydrate-Free Peach (<i>Prunus persica</i>) and Plum (<i>Prunus salicina</i>) [corrected] Juice Affects Fecal Microbial Ecology in an Obese Animal Model. <i>PLoS ONE</i> , 2014 , 9, e101723	3.7	31
13	Betulinic acid decreases ER-negative breast cancer cell growth in vitro and in vivo: role of Sp transcription factors and microRNA-27a:ZBTB10. <i>Molecular Carcinogenesis</i> , 2013 , 52, 591-602	5	75
12	Standardized curcuminoid extract (<i>Curcuma longa</i> L.) decreases gene expression related to inflammation and interacts with associated microRNAs in human umbilical vein endothelial cells (HUVEC). <i>Food and Function</i> , 2012 , 3, 1286-93	6.1	17
11	Polyphenolics from açaí (<i>Euterpe oleracea</i> Mart.) and red muscadine grape (<i>Vitis rotundifolia</i>) protect human umbilical vascular Endothelial cells (HUVEC) from glucose- and lipopolysaccharide (LPS)-induced inflammation and target microRNA-126. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2002-2012	5.7	67
10	Flavonol-rich fractions of yaupon holly leaves (<i>Ilex vomitoria</i> , Aquifoliaceae) induce microRNA-146a and have anti-inflammatory and chemopreventive effects in intestinal myofibroblast CCD-18Co cells. <i>Phytotherapy</i> , 2011 , 82, 557-69	3.2	58
9	Antioxidant phytochemical and quality changes associated with hot water immersion treatment of mangoes (<i>Mangifera indica</i> L.). <i>Food Chemistry</i> , 2009 , 115, 989-993	8.5	78
8	Phytochemical composition and thermal stability of two commercial açaí species, <i>Euterpe oleracea</i> and <i>Euterpe precatoria</i> . <i>Food Chemistry</i> , 2009 , 115, 1199-1205	8.5	143
7	Caffeine free polyphenolic extracts from Yaupon holly (<i>Ilex vomitoria</i>) have chemopreventive potential and reduce the expression of inflammatory genes in non-cancer human myofibroblast (CCD-18) cells. <i>FASEB Journal</i> , 2009 , 23, 345.4	0.9	
6	Phenolics from mango (<i>Mangifera indica</i> L.) suppress growth in different cancer cells, targeting pro-apoptotic and cell cycle control proteins. <i>FASEB Journal</i> , 2009 , 23, 716.11	0.9	
5	Effects of Polyphenolics from Grape (<i>Vitis rotundifolia</i>) and acai (<i>Euterpe oleracea</i> Mart.) on the expresion of microRNAs relevant to inflammation in vascular diseases. <i>FASEB Journal</i> , 2009 , 23, 230.3	0.9	
4	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
3	Pharmacokinetics of anthocyanins and antioxidant effects after the consumption of anthocyanin-rich acai juice and pulp (<i>Euterpe oleracea</i> Mart.) in human healthy volunteers. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7796-802	5.7	175
2	Juice matrix composition and ascorbic acid fortification effects on the phytochemical, antioxidant and pigment stability of açaí (<i>Euterpe oleracea</i> Mart.). <i>Food Chemistry</i> , 2007 , 105, 28-35	8.5	30
1	The oncogenic microRNA-27a targets genes that regulate specificity protein transcription factors and the G2-M checkpoint in MDA-MB-231 breast cancer cells. <i>Cancer Research</i> , 2007 , 67, 11001-11	10.1	391

