Sara Tulipani

List of Publications by Citations

59 papers	4,883 citations	35 h-index	59 g-index
59 ext. papers	5,544 ext. citations	5 avg, IF	5.38 L-index

#	Paper	IF	Citations
59	Benefits of polyphenols on gut microbiota and implications in human health. *Journal of Nutritional Biochemistry*, **2013**, 24, 1415-22	6.3	870
58	The strawberry: composition, nutritional quality, and impact on human health. *Nutrition*, **2012**, 28, 9-19	4.8	507
57	Antioxidants, phenolic compounds, and nutritional quality of different strawberry genotypes. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 696-704	5.7	322
56	Antioxidant and antimicrobial capacity of several monofloral Cuban honeys and their correlation with color, polyphenol content and other chemical compounds. *Food and Chemical Toxicology*, **2010**, 48, 2490-9	4.7	264
55	One-month strawberry-rich anthocyanin supplementation ameliorates cardiovascular risk, oxidative stress markers and platelet activation in humans. *Journal of Nutritional Biochemistry*, **2014**, 25, 289-94	6.3	251
54	Contribution of honey in nutrition and human health: a review. *Mediterranean Journal of Nutrition and Metabolism*, **2010**, 3, 15-23	1.3	228
53	Evaluation and comparison of bioinformatic tools for the enrichment analysis of metabolomics data. *BMC Bioinformatics*, **2018**, 19, 1	3.6	170
52	Strawberry polyphenols attenuate ethanol-induced gastric lesions in rats by activation of antioxidant enzymes and attenuation of MDA increase. *PLoS ONE*, **2011**, 6, e25878	3.7	139
51	Influence of environmental and genetic factors on health-related compounds in strawberry. *Food Chemistry*, **2011**, 124, 906-913	8.5	105
50	Comparative analysis of sample preparation methods to handle the complexity of the blood fluid metabolome: when less is more. *Analytical Chemistry*, **2013**, 85, 341-8	7.8	104
49	Metabolomics study of human urinary metabolome modifications after intake of almond (Prunus dulcis (Mill.) D.A. Webb) skin polyphenols. *Journal of Proteome Research*, **2010**, 9, 5859-67	5.6	94
48	High levels of Bifidobacteria are associated with increased levels of anthocyanin microbial metabolites: a randomized clinical trial. *Food and Function*, **2014**, 5, 1932-8	6.1	88
47	Metabolomics unveils urinary changes in subjects with metabolic syndrome following 12-week nut consumption. *Journal of Proteome Research*, **2011**, 10, 5047-58	5.6	88
46	Metabolomic insights into the intricate gut microbial-host interaction in the development of obesity and type 2 diabetes. *Frontiers in Microbiology*, **2015**, 6, 1151	5.7	85
45	Cocoa polyphenols and inflammatory markers of cardiovascular disease. *Nutrients*, **2014**, 6, 844-80	6.7	82
44	Strawberry consumption improves aging-associated impairments, mitochondrial biogenesis and functionality through the AMP-activated protein kinase signaling cascade. *Food Chemistry*, **2017**, 234, 464-471	8.5	81
43	Photoprotective potential of strawberry (Fragaria ananassa) extract against UV-A irradiation damage on human fibroblasts. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 2322-7	5.7	79

42	Phytochemical profiling of strawberry fruits, and bioactive compounds from the same selected cultivar in human plasma during a medium-term consumption study. *BMC Proceedings*, **2012**, 6, P5	2.3	78
41	Strawberry consumption improves plasma antioxidant status and erythrocyte resistance to oxidative haemolysis in humans. *Food Chemistry*, **2011**, 128, 180-6	8.5	78
40	Nutrimetabolomic strategies to develop new biomarkers of intake and health effects. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 8797-808	5.7	76
39	Methodological Aspects about Determination of Phenolic Compounds and In Vitro Evaluation of Antioxidant Capacity in the Honey: A Review. *Current Analytical Chemistry*, **2009**, 5, 293-302	1.7	65
38	The tomato sauce making process affects the bioaccessibility and bioavailability of tomato phenolics: a pharmacokinetic study. *Food Chemistry*, **2015**, 173, 864-72	8.5	60
37	Urolithins are the main urinary microbial-derived phenolic metabolites discriminating a moderate consumption of nuts in free-living subjects with diagnosed metabolic syndrome. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 8930-40	5.7	58
36	The potential impact of strawberry on human health. *Natural Product Research*, **2013**, 27, 448-55	2.3	55
35	Ascorbate, not urate, modulates the plasma antioxidant capacity after strawberry intake. *Food Chemistry*, **2009**, 117, 181-188	8.5	55
34	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. *Clinica Chimica Acta*, **2016**, 463, 53-61	6.2	55
33	Impact of strawberries on human health: insight into marginally discussed bioactive compounds for the Mediterranean diet. *Public Health Nutrition*, **2009**, 12, 1656-62	3.3	52
32	Strawberry intake increases blood fluid, erythrocyte and mononuclear cell defenses against oxidative challenge. *Food Chemistry*, **2014**, 156, 87-93	8.5	44
31	Novel multimetabolite prediction of walnut consumption by a urinary biomarker model in a free-living population: the PREDIMED study. *Journal of Proteome Research*, **2014**, 13, 3476-83	5.6	44
30	Metabolomic fingerprint in patients at high risk of cardiovascular disease by cocoa intervention. *Molecular Nutrition and Food Research*, **2013**, 57, 962-73	5.9	43
29	Oil matrix effects on plasma exposure and urinary excretion of phenolic compounds from tomato sauces: Evidence from a human pilot study. *Food Chemistry*, **2012**, 130, 581-590	8.5	42
28	Bioavailability of tomato polyphenols is enhanced by processing and fat addition: Evidence from a randomized feeding trial. *Molecular Nutrition and Food Research*, **2016**, 60, 1578-89	5.9	41
27	Breeding strawberry (Fragaria X ananassa Duch) to increase fruit nutritional quality. *BioFactors*, **2008**, 34, 67-72	6.1	41
26	Plasma metabolomic biomarkers of mixed nuts exposure inversely correlate with severity of metabolic syndrome. *Molecular Nutrition and Food Research*, **2015**, 59, 2480-90	5.9	38
25	Metabolomics-guided insights on bariatric surgery versus behavioral interventions for weight loss. *Obesity*, **2016**, 24, 2451-2466	8	37

24	Nutrimetabolomics fingerprinting to identify biomarkers of bread exposure in a free-living population from the PREDIMED study cohort. *Metabolomics*, **2015**, 11, 155-165	4.7	33
23	New and vintage solutions to enhance the plasma metabolome coverage by LC-ESI-MS untargeted metabolomics: the not-so-simple process of method performance evaluation. *Analytical Chemistry*, **2015**, 87, 2639-47	7.8	31
22	Setup of a UHPLC-QqQ-MS method for the analysis of phenolic compounds in cherry tomatoes, tomato sauce, and tomato juice. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 8373-80	5.7	26
21	Folate content in different strawberry genotypes and folate status in healthy subjects after strawberry consumption. *BioFactors*, **2008**, 34, 47-55	6.1	26
20	Urinary metabolomic fingerprinting after consumption of a probiotic strain in women with mastitis. *Pharmacological Research*, **2014**, 87, 160-5	10.2	25
19	Contribution of honey in nutrition and human health: a review. *Mediterranean Journal of Nutrition and Metabolism*, **2009**, 3, 15-23	1.3	25
18	Effects of an acute strawberry (Fragaria ananassa) consumption on the plasma antioxidant status of healthy subjects. *Journal of Berry Research*, **2013**, 3, 169-179	2	24
17	Phenolic and microbial-targeted metabolomics to discovering and evaluating wine intake biomarkers in human urine and plasma. *Electrophoresis*, **2015**, 36, 2259-2268	3.6	23
16	Dietary Epicatechin Is Available to Breastfed Infants through Human Breast Milk in the Form of Host and Microbial Metabolites. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 5354-60	5.7	21
15	Validation of a new LC-MS/MS method for the detection and quantification of phenolic metabolites from tomato sauce in biological samples. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 4542-9	5.7	21
14	A fast method coupling ultrahigh performance liquid chromatography with diode array detection for flavonoid quantification in citrus fruit extracts. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 6353-9	5.7	21
13	Metabolomics for Biomarkers of Type 2 Diabetes Mellitus: Advances and Nutritional Intervention Trends. *Current Cardiovascular Risk Reports*, **2015**, 9, 1	0.9	17
12	Untargeted Profiling of Concordant/Discordant Phenotypes of High Insulin Resistance and Obesity To Predict the Risk of Developing Diabetes. *Journal of Proteome Research*, **2018**, 17, 2307-2317	5.6	14
11	Habitual Nut Exposure, Assessed by Dietary and Multiple Urinary Metabolomic Markers, and Cognitive Decline in Older Adults: The InCHIANTI Study. *Molecular Nutrition and Food Research*, **2020**, 64, e1900532	5.9	14
10	Metabotypes of response to bariatric surgery independent of the magnitude of weight loss. *PLoS ONE*, **2018**, 13, e0198214	3.7	10
9	Characterization of Metabolomic Profile Associated with Metabolic Improvement after Bariatric Surgery in Subjects with Morbid Obesity. *Journal of Proteome Research*, **2018**, 17, 2704-2714	5.6	9
8	Sensitive and Rapid UHPLC-MS/MS for the Analysis of Tomato Phenolics in Human Biological Samples. *Molecules*, **2015**, 20, 20409-25	4.8	9
7	VARIATION IN STRAWBERRY MICRONUTRIENTS, PHYTOCHEMICAL AND ANTIOXIDANT PROFILES: THE COMBINED EFFECT OF GENOTYPE AND STORAGE. *Acta Horticulturae*, **2009**, 867-872	0.3	7

6	THE INTERACTION OF PLANT GENOTYPE AND TEMPERATURE CONDITIONS AT RIPENING STAGE AFFECTS STRAWBERRY NUTRITIONAL QUALITY. *Acta Horticulturae*, **2009**, 183-186	0.3	4
5	EFFECTS OF STRAWBERRY CONSUMPTION ON PLASMA ANTIOXIDANT STATUS AND PARAMETERS OF RESISTANCE TO OXIDATIVE STRESS: PRELIMINARY EVIDENCE FROM HUMAN SUBJECTS. *Acta Horticulturae*, **2009**, 873-876	0.3	3
4	Improved HPLC column-switching determination of Coenzyme Q and Vitamin E in plasma. *BioFactors*, **2008**, 32, 257-62	6.1	1
3	Metabolomic Approaches in the Study of Wine Benefits in Human Health **2016**, 293-317		0
2	Visceral Adipose Tissue Phospholipid Signature of Insulin Sensitivity and Obesity. *Journal of Proteome Research*, **2021**, 20, 2410-2419	5.6	0
1	Emerging Applications of Metabolomics to Polyphenols and CVD Biomarker Discovery **2014**, 1025-1044		