

# Dragan Milenkovic

## List of Publications by Citations

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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.

80  
papers

3,930  
citations

33  
h-index

62  
g-index

82  
ext. papers

4,549  
ext. citations

5.3  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
80	A mutation creating a potential illegitimate microRNA target site in the myostatin gene affects muscularity in sheep. <i>Nature Genetics</i> , <b>2006</b> , 38, 813-8	36.3	977
79	Hesperidin contributes to the vascular protective effects of orange juice: a randomized crossover study in healthy volunteers. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 93, 73-80	7	298
78	miRNA as molecular target of polyphenols underlying their biological effects. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 64, 40-51	7.8	151
77	Citrus flavanones: what is their role in cardiovascular protection?. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 8809-22	5.7	138
76	Addressing the inter-individual variation in response to consumption of plant food bioactives: Towards a better understanding of their role in healthy aging and cardiometabolic risk reduction. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600557	5.9	127
75	Modulation of miRNA expression by dietary polyphenols in apoE deficient mice: a new mechanism of the action of polyphenols. <i>PLoS ONE</i> , <b>2012</b> , 7, e29837	3.7	124
74	Naringin, the major grapefruit flavonoid, specifically affects atherosclerosis development in diet-induced hypercholesterolemia in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2012</b> , 23, 469-77	6.3	103
73	Amino acid limitation regulates the expression of genes involved in several specific biological processes through GCN2-dependent and GCN2-independent pathways. <i>FEBS Journal</i> , <b>2009</b> , 276, 707-18	5.7	101
72	Anthocyanins: From Sources and Bioavailability to Cardiovascular-Health Benefits and Molecular Mechanisms of Action. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1771-1783	5.7	99
71	Impact of Flavonols on Cardiometabolic Biomarkers: A Meta-Analysis of Randomized Controlled Human Trials to Explore the Role of Inter-Individual Variability. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	93
70	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. <i>Ageing Research Reviews</i> , <b>2018</b> , 42, 40-55	12	83
69	Hesperidin displays relevant role in the nutrigenomic effect of orange juice on blood leukocytes in human volunteers: a randomized controlled cross-over study. <i>PLoS ONE</i> , <b>2011</b> , 6, e26669	3.7	80
68	Catechin reduces atherosclerotic lesion development in apo E-deficient mice: a transcriptomic study. <i>Atherosclerosis</i> , <b>2009</b> , 204, e21-7	3.1	79
67	Cytogenetic localization of 136 genes in the horse: comparative mapping with the human genome. <i>Mammalian Genome</i> , <b>2002</b> , 13, 524-34	3.2	77
66	Bilberry anthocyanin-rich extract alters expression of genes related to atherosclerosis development in aorta of apo E-deficient mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2012</b> , 22, 72-80	4.5	70
65	Proteomic analysis of ovine muscle hypertrophy. <i>Journal of Animal Science</i> , <b>2006</b> , 84, 3266-76	0.7	70
64	Dietary curcumin inhibits atherosclerosis by affecting the expression of genes involved in leukocyte adhesion and transendothelial migration. <i>Molecular Nutrition and Food Research</i> , <b>2012</b> , 56, 1270-81	5.9	68

63	Circulating Anthocyanin Metabolites Mediate Vascular Benefits of Blueberries: Insights From Randomized Controlled Trials, Metabolomics, and Nutrigenomics. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 967-976	6.4	60
62	Flavanones protect from arterial stiffness in postmenopausal women consuming grapefruit juice for 6 mo: a randomized, controlled, crossover trial. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 66-74	7.4	58
61	Flavanone metabolites decrease monocyte adhesion to TNF- $\alpha$ -activated endothelial cells by modulating expression of atherosclerosis-related genes. <i>British Journal of Nutrition</i> , <b>2013</b> , 110, 587-98	3.6	58
60	Interindividual Variability in Biomarkers of Cardiometabolic Health after Consumption of Major Plant-Food Bioactive Compounds and the Determinants Involved. <i>Advances in Nutrition</i> , <b>2017</b> , 8, 558-570 <sup>10</sup>	10	55
59	Flavanol metabolites reduce monocyte adhesion to endothelial cells through modulation of expression of genes via p38-MAPK and p65-NF-kB pathways. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1016-27	5.9	52
58	The regular consumption of a polyphenol-rich apple does not influence endothelial function: a randomised double-blind trial in hypercholesterolemic adults. <i>European Journal of Clinical Nutrition</i> , <b>2010</b> , 64, 1158-65	5.2	50
57	Nutritional aspects of metabolic inflammation in relation to health--insights from transcriptomic biomarkers in PBMC of fatty acids and polyphenols. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1708-20	5.9	48
56	Apple polyphenols and fibers attenuate atherosclerosis in apolipoprotein E-deficient mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 5558-63	5.7	48
55	Citrus flavanones naringenin and hesperetin improve antioxidant status and membrane lipid compositions in the liver of old-aged Wistar rats. <i>Experimental Gerontology</i> , <b>2016</b> , 84, 49-60	4.5	46
54	Nutrigenomic analysis of the protective effects of bilberry anthocyanin-rich extract in apo E-deficient mice. <i>Genes and Nutrition</i> , <b>2010</b> , 5, 343-53	4.3	45
53	Polymorphic microRNA-target interactions: a novel source of phenotypic variation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , <b>2006</b> , 71, 343-50	3.9	45
52	Anthocyanins and their gut metabolites reduce the adhesion of monocyte to TNF- $\alpha$ -activated endothelial cells at physiologically relevant concentrations. <i>Archives of Biochemistry and Biophysics</i> , <b>2016</b> , 599, 51-9	4.1	44
51	Dietary flavanols modulate the transcription of genes associated with cardiovascular pathology without changes in their DNA methylation state. <i>PLoS ONE</i> , <b>2014</b> , 9, e95527	3.7	41
50	Differential expression of sarcoplasmic proteins in four heterogeneous ovine skeletal muscles. <i>Proteomics</i> , <b>2007</b> , 7, 271-80	4.8	35
49	Polyphenols in human nutrition: from the antioxidant capacity to the beneficial effects on cardiometabolic health and related inter-individual variability - an overview and perspective. <i>British Journal of Nutrition</i> , <b>2020</b> , 123, 241-254	3.6	35
48	Atheroprotective effects of bilberry extracts in apo E-deficient mice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 11106-11	5.7	33
47	Anthocyanins and their gut metabolites attenuate monocyte adhesion and transendothelial migration through nutrigenomic mechanisms regulating endothelial cell permeability. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 124, 364-379	7.8	29
46	Factors influencing the cardiometabolic response to (poly)phenols and phytosterols: a review of the COST Action POSITIVE activities. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 37-47	5.2	27

45	A systems biology network analysis of nutri(epi)genomic changes in endothelial cells exposed to epicatechin metabolites. <i>Scientific Reports</i> , <b>2018</b> , 8, 15487	4.9	25
44	Curcumin modulates endothelial permeability and monocyte transendothelial migration by affecting endothelial cell dynamics. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 112, 109-120	7.8	23
43	Substantial Variability Across Individuals in the Vascular and Nutrigenomic Response to an Acute Intake of Curcumin: A Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700418	5.9	22
42	Epigenetic control of cardiovascular health by nutritional polyphenols involves multiple chromatin-modifying writer-reader-eraser proteins. <i>Current Topics in Medicinal Chemistry</i> , <b>2016</b> , 16, 788-806	3.6	21
41	analysis of antidiabetic potential of phenolic compounds from blue corn (L.) and black bean (L.). <i>Heliyon</i> , <b>2020</b> , 6, e03632	3.6	20
40	Microbiota modulation and effects on metabolic biomarkers by orange juice: a controlled clinical trial. <i>Food and Function</i> , <b>2020</b> , 11, 1599-1610	6.1	19
39	Effects of anthocyanins and their gut metabolites on adenosine diphosphate-induced platelet activation and their aggregation with monocytes and neutrophils. <i>Archives of Biochemistry and Biophysics</i> , <b>2018</b> , 645, 34-41	4.1	19
38	An update on the role of nutrigenomic modulations in mediating the cardiovascular protective effect of fruit polyphenols. <i>Food and Function</i> , <b>2016</b> , 7, 3656-76	6.1	19
37	Why interindividual variation in response to consumption of plant food bioactives matters for future personalised nutrition. <i>Proceedings of the Nutrition Society</i> , <b>2020</b> , 79, 225-235	2.9	16
36	Epicatechin influences primary hemostasis, coagulation and fibrinolysis. <i>Food and Function</i> , <b>2019</b> , 10, 7291-7298	6.1	15
35	(-)-Epicatechin metabolites promote vascular health through epigenetic reprogramming of endothelial-immune cell signaling and reversing systemic low-grade inflammation. <i>Biochemical Pharmacology</i> , <b>2020</b> , 173, 113699	6	14
34	Genetic mapping of GBE1 and its association with glycogen storage disease IV in American Quarter horses. <i>Cytogenetic and Genome Research</i> , <b>2003</b> , 102, 201-6	1.9	13
33	Insulin immuno-neutralization in fed chickens: effects on liver and muscle transcriptome. <i>Physiological Genomics</i> , <b>2012</b> , 44, 283-92	3.6	12
32	Effects of the apple matrix on the postprandial bioavailability of flavan-3-ols and nutrigenomic response of apple polyphenols in minipigs challenged with a high fat meal. <i>Food and Function</i> , <b>2020</b> , 11, 5077-5090	6.1	11
31	The Western Diet Regulates Hippocampal Microvascular Gene Expression: An Integrated Genomic Analyses in Female Mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 19058	4.9	11
30	Systematic bioinformatic analysis of nutrigenomic data of flavanols in cell models of cardiometabolic disease. <i>Food and Function</i> , <b>2020</b> , 11, 5040-5064	6.1	10
29	Positive effects of naringenin on near-surface membrane fluidity in human erythrocytes. <i>Acta Physiologica Hungarica</i> , <b>2015</b> , 102, 131-6		9
28	Citrus Flavanones Upregulate Thyrotroph Sirt1 and Differently Affect Thyroid Nrf2 Expressions in Old-Aged Wistar Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 8242-8254	5.7	8

27	Modulation of gene expression in endothelial cells by hyperlipaemic postprandial serum from healthy volunteers. <i>Genes and Nutrition</i> , <b>2010</b> , 5, 263-74	4.3	8
26	Citrus flavanone metabolites protect pancreatic-β-cells under oxidative stress induced by cholesterol. <i>Food and Function</i> , <b>2020</b> , 11, 8612-8624	6.1	8
25	Targeting the delivery of dietary plant bioactives to those who would benefit most: from science to practical applications. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 65-73	5.2	6
24	Diosgenin-caused changes of the adrenal gland histological parameters in a rat model of the menopause. <i>Acta Histochemica</i> , <b>2017</b> , 119, 48-56	2	6
23	Effect of probiotic, prebiotic, and synbiotic on the gut microbiota of autistic children using an in vitro gut microbiome model. <i>Food Research International</i> , <b>2021</b> , 149, 110657	7	6
22	Chronic consumption of a western diet modifies the DNA methylation profile in the frontal cortex of mice. <i>Food and Function</i> , <b>2018</b> , 9, 1187-1198	6.1	5
21	Systematic Bioinformatic Analyses of Nutrigenomic Modifications by Polyphenols Associated with Cardiometabolic Health in Humans-Evidence from Targeted Nutrigenomic Studies. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	5
20	Lipotoxic Injury Differentially Regulates Brain Microvascular Gene Expression in Male Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
19	Naringin at a nutritional dose modulates expression of genes related to lipid metabolism and inflammation in liver of mice fed a high-fat diet. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , <b>2012</b> , 1, 113-123		4
18	Molecular Determinants of the Cardiometabolic Improvements of Dietary Flavanols Identified by an Integrative Analysis of Nutrigenomic Data from a Systematic Review of Animal Studies. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2100227	5.9	4
17	Acute Effects of the Consumption of Juice on Metabolic Risk Factors and Gene Expression Profile in Humans. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4
16	Vascular Protective Effects of Fruit Polyphenols <b>2014</b> , 875-893		3
15	Inhibition of Soluble Epoxide Hydrolase Is Protective against the Multiomic Effects of a High Glycemic Diet on Brain Microvascular Inflammation and Cognitive Dysfunction. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
14	Sex-Dependent Molecular Mechanisms of Lipotoxic Injury in Brain Microvasculature: Implications for Dementia. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
13	Nutrigenomic modification induced by anthocyanin-rich bilberry extract in the hippocampus of ApoE <sup>-/-</sup> mice. <i>Journal of Functional Foods</i> , <b>2021</b> , 85, 104609	5.1	3
12	Characterization and localization of 17 microsatellites derived from BACs in the horse. <i>Animal Genetics</i> , <b>2005</b> , 36, 164-6	2.5	2
11	Flavanol Consumption in Healthy Men Preserves Integrity of Immunological-Endothelial Barrier Cell Functions: Nutri(epi)genomic Analysis.. <i>Molecular Nutrition and Food Research</i> , <b>2022</b> , e2100991	5.9	2
10	Impact of Epicatechin on the Procoagulant Activities of Microparticles. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	2

9	Alterations of aorta intima and media transcriptome in swine fed high-fat diet over 1-year follow-up period and of the switch to normal diet. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2020</b> , 30, 1201-1215	4.5	2
8	HPLC/DAD profiling of a phenolic extract from Moroccan sweet Basil and its application as oxidative stabilizer of sunflower oil. <i>Chemical Papers</i> , <b>2021</b> , 75, 1907-1917	1.9	2
7	cDNA sequence of the horse ( <i>Equus caballus</i> ) LAMA3 gene and characterization of two intronic SNP markers. <i>DNA Sequence</i> , <b>2005</b> , 16, 468-73		1
6	Evaluating the role of orange juice, HESPERidin in vascular HEALTH benefits (HESPER-HEALTH study): protocol for a randomised controlled trial. <i>BMJ Open</i> , <b>2021</b> , 11, e053321	3	1
5	Phenolic-Rich Extract from Almond () Hulls Improves Lipid Metabolism in Triton WR-1339 and High-Fat Diet-Induced Hyperlipidemic Mice and Prevents Lipoprotein Oxidation: A Comparison with Fenofibrate and Butylated Hydroxyanisole. <i>Preventive Nutrition and Food Science</i> , <b>2020</b> , 25, 254-262	2.4	1
4	Brazilian passion fruit as a new healthy food: from its composition to health properties and mechanisms of action. <i>Food and Function</i> , <b>2021</b> , 12, 11106-11120	6.1	1
3	Circulating (poly)phenol Metabolites: Neuroprotection in a 3D Cell Model of Parkinson's Disease.. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , e2100959	5.9	0
2	Nutritional Regulation of Mammary miRNome: Implications for Human Studies <b>2019</b> , 1495-1511		
1	Multigenomic modifications in human circulating immune cells in response to consumption of polyphenol rich extract of yerba mate () are suggestive of cardiometabolic protective effects.. <i>British Journal of Nutrition</i> , <b>2022</b> , 1-60	3.6	