

# Barbora Stankov

## 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.

40  
papers

1,307  
citations

16  
h-index

36  
g-index

43  
ext. papers

1,494  
ext. citations

3.3  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
40	Metabolic effects of n-3 PUFA as phospholipids are superior to triglycerides in mice fed a high-fat diet: possible role of endocannabinoids. <i>PLoS ONE</i> , <b>2012</b> , 7, e38834	3.7	169
39	Fatty acids as biocompounds: their role in human metabolism, health and disease--a review. Part 1: classification, dietary sources and biological functions. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2011</b> , 155, 117-30	1.7	167
38	Antioxidative enzymes and increased oxidative stress in depressive women. <i>Clinical Biochemistry</i> , <b>2009</b> , 42, 1368-74	3.5	136
37	Fatty acids as biocompounds: their role in human metabolism, health and disease: a review. part 2: fatty acid physiological roles and applications in human health and disease. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2011</b> , 155, 195-218	1.7	112
36	n-3 PUFA: bioavailability and modulation of adipose tissue function. <i>Proceedings of the Nutrition Society</i> , <b>2009</b> , 68, 361-9	2.9	102
35	Xanthomas: clinical and pathophysiological relations. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , <b>2014</b> , 158, 181-8	1.7	83
34	Omega-3 phospholipids from fish suppress hepatic steatosis by integrated inhibition of biosynthetic pathways in dietary obese mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2014</b> , 1841, 267-78	5	57
33	Analysis of fatty acids in plasma lipoproteins by gas chromatography-flame ionization detection. <i>Analytica Chimica Acta</i> , <b>2002</b> , 465, 337-350	6.6	56
32	Quercetin induces hepatic lipid omega-oxidation and lowers serum lipid levels in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e51588	3.7	55
31	Antioxidant status and oxidative stress markers in pancreatic cancer and chronic pancreatitis. <i>Pancreas</i> , <b>2013</b> , 42, 614-21	2.6	53
30	N-3 fatty acid supplementation decreases plasma homocysteine in diabetic dyslipidemia treated with statin-fibrate combination. <i>Journal of Nutritional Biochemistry</i> , <b>2006</b> , 17, 379-84	6.3	46
29	Plasma fatty acid composition in patients with pancreatic cancer: correlations to clinical parameters. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 946-55	2.8	35
28	Altered activities of antioxidant enzymes in patients with metabolic syndrome. <i>Obesity Facts</i> , <b>2013</b> , 6, 39-47	5.1	31
27	Severity of metabolic syndrome unfavorably influences oxidative stress and fatty acid metabolism in men. <i>Tohoku Journal of Experimental Medicine</i> , <b>2007</b> , 212, 359-71	2.4	19
26	Corn oil versus lard: Metabolic effects of omega-3 fatty acids in mice fed obesogenic diets with different fatty acid composition. <i>Biochimie</i> , <b>2016</b> , 124, 150-162	4.6	18
25	The influence of polymorphism of -493G/T MTP gene promoter and metabolic syndrome on lipids, fatty acids and oxidative stress. <i>Journal of Nutritional Biochemistry</i> , <b>2008</b> , 19, 634-41	6.3	18
24	Niacin in the Treatment of Hyperlipidemias in Light of New Clinical Trials: Has Niacin Lost its Place?. <i>Medical Science Monitor</i> , <b>2015</b> , 21, 2156-62	3.2	15

23	Hypolipidemic drugs can change the composition of rat brain lipids. <i>Tohoku Journal of Experimental Medicine</i> , <b>2004</b> , 204, 299-308	2.4	15
22	Fatty acid CoA ligase-4 gene polymorphism influences fatty acid metabolism in metabolic syndrome, but not in depression. <i>Tohoku Journal of Experimental Medicine</i> , <b>2009</b> , 217, 287-93	2.4	13
21	Dietary polyunsaturated fatty acids alter myocardial protein kinase C expression and affect cardioprotection induced by chronic hypoxia. <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 823-32	3.7	12
20	Pleiotropic effects of niacin: Current possibilities for its clinical use. <i>Acta Pharmaceutica</i> , <b>2016</b> , 66, 449-469	3.9	11
19	Higher content of 18:1 trans fatty acids in subcutaneous fat of persons with coronarographically documented atherosclerosis of the coronary arteries. <i>Annals of Nutrition and Metabolism</i> , <b>2003</b> , 47, 302-5	4.5	11
18	In Vivo Bioavailability of Selenium in Selenium-Enriched and in CD IGS Rats. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	10
17	Comprehensive sterol and fatty acid analysis in nineteen nuts, seeds, and kernel. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	9
16	Dietary polyunsaturated fatty acids and adaptation to chronic hypoxia alter acyl composition of serum and heart lipids. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 1297-307	3.6	8
15	Serum adiponectin relates to shortened overall survival in men with squamous cell esophageal cancer treated with preoperative concurrent chemoradiotherapy: a pilot study. <i>Medical Science Monitor</i> , <b>2014</b> , 20, 2351-7	3.2	8
14	Relationship between serum bilirubin and uric acid to oxidative stress markers in Italian and Czech populations. <i>Journal of Applied Biomedicine</i> , <b>2013</b> , 11, 209-221	0.6	6
13	Chronic pancreatitis and the composition of plasma phosphatidylcholine fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2016</b> , 108, 38-44	2.8	6
12	Plasma Phosphatidylcholines Fatty Acids in Men with Squamous Cell Esophageal Cancer: Chemoradiotherapy Improves Abnormal Profile. <i>Medical Science Monitor</i> , <b>2016</b> , 22, 4092-4099	3.2	5
11	Effect of column and software on gas chromatographic determination of fatty acids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2002</b> , 770, 91-9	3.2	4
10	Increased plasma levels of palmitoleic acid may contribute to beneficial effects of Krill oil on glucose homeostasis in dietary obese mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2020</b> , 1865, 158732	5	4
9	Functional Properties of Chlorella vulgaris, Colostrum, and Bifidobacteria, and Their Potential for Application in Functional Foods. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5264	2.6	4
8	Fatty Acid Composition of Plasma Phosphatidylcholine Determines Body Fat Parameters in Subjects with Metabolic Syndrome-Related Traits. <i>Metabolic Syndrome and Related Disorders</i> , <b>2017</b> , 15, 371-378	2.6	2
7	Lipid Metabolism in Patients with End-Stage Renal Disease: A Five Year Follow-up Study. <i>Current Vascular Pharmacology</i> , <b>2018</b> , 16, 298-305	3.3	2
6	Prebiotic and Immunomodulatory Properties of the Microalga Chlorella vulgaris and Its Synergistic Triglyceride-Lowering Effect with Bifidobacteria. <i>Fermentation</i> , <b>2021</b> , 7, 125	4.7	2

5	The Effect of Partly Replacing Vegetable Fat with Bovine Milk Fat in Infant Formula on Postprandial Lipid and Energy Metabolism: A Proof-of-principle Study in Healthy Young Male Adults. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000848	5.9	1
4	The Synthesis and Characterization of the Poly[N-vinylpyrrolidone-co-ethylidene-bis-3-(N-vinyl-2-pyrrolidone)] Hydrogel Matrix for Drug Delivery to the Gastrointestinal Tract. <i>Macromolecular Symposia</i> , <b>2016</b> , 366, 14-22	0.8	1
3	Altered Indices of Fatty Acid Elongases ELOVL6, ELOVL5, and ELOVL2 Activities in Patients with Impaired Fasting Glycemia. <i>Metabolic Syndrome and Related Disorders</i> , <b>2021</b> , 19, 386-392	2.6	1
2	FADS1 gene polymorphism(s) and fatty acid composition of serum lipids in adolescents. <i>Lipids</i> , <b>2021</b> , 56, 499-508	1.6	0
1	Associations of Serum Uric Acid with Endogenous Cholesterol Synthesis Indices in Men with High Cardiometabolic Risk. <i>Metabolic Syndrome and Related Disorders</i> , <b>2020</b> , 18, 212-218	2.6	