Renata B Kostogrys

List of Publications by Citations

39 papers	560 citations	15 h-index	22 g-index
41 ext. papers	670 ext. citations	4.2 avg, IF	3.37 L-index

#	Paper	IF	Citations
39	1-Methylnicotinamide (MNA) prevents endothelial dysfunction in hypertriglyceridemic and diabetic rats. *Pharmacological Reports*, **2008**, 60, 127-38	3.9	46
38	Degradation of Glycocalyx and Multiple Manifestations of Endothelial Dysfunction Coincide in the Early Phase of Endothelial Dysfunction Before Atherosclerotic Plaque Development in Apolipoprotein E/Low-Density Lipoprotein Receptor-Deficient Mice. *Journal of the American Heart Association*, **2019**, 8, e011171	6	44
37	Functional alterations in endothelial NO, PGI and EDHF pathways in aorta in ApoE/LDLR-/- mice. *Prostaglandins and Other Lipid Mediators*, **2012**, 98, 107-15	3.7	40
36	Raman spectroscopy analysis of lipid droplets content, distribution and saturation level in Non-Alcoholic Fatty Liver Disease in mice. *Journal of Biophotonics*, **2015**, 8, 597-609	3.1	39
35	Functional effects of eggs, naturally enriched with conjugated linoleic acid, on the blood lipid profile, development of atherosclerosis and composition of atherosclerotic plaque in apolipoprotein E and low-density lipoprotein receptor double-knockout mice (apoE/LDLR-/-). *British Journal of Nutrition*, **2008**, 99, 49-58	3.6	31
34	Low carbohydrate, high protein diet promotes atherosclerosis in apolipoprotein E/low-density lipoprotein receptor double knockout mice (apoE/LDLR(-/-)). *Atherosclerosis*, **2012**, 223, 327-31	3.1	28
33	Antiatherosclerotic Effects of 1-Methylnicotinamide in Apolipoprotein E/Low-Density Lipoprotein Receptor-Deficient Mice: A Comparison with Nicotinic Acid. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 356, 514-24	4.7	26
32	Quantification of plaque area and characterization of plaque biochemical composition with atherosclerosis progression in ApoE/LDLR(-/-) mice by FT-IR imaging. *Analyst, The*, **2013**, 138, 6645-52	5	23
31	An Analysis of Isolated and Intact RBC Membranes-A Comparison of a Semiquantitative Approach by Means of FTIR, Nano-FTIR, and Raman Spectroscopies. *Analytical Chemistry*, **2019**, 91, 9867-9874	7.8	22
30	Identification of a biochemical marker for endothelial dysfunction using Raman spectroscopy. *Analyst, The*, **2015**, 140, 2185-9	5	22
29	Effects of Low Carbohydrate High Protein (LCHP) diet on atherosclerotic plaque phenotype in ApoE/LDLR-/- mice: FT-IR and Raman imaging. *Scientific Reports*, **2015**, 5, 14002	4.9	20
28	Hypercholesterolemia does not alter endothelial function in spontaneously hypertensive rats. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 317, 1019-26	4.7	19
27	Effect of dietary pomegranate seed oil on laying hen performance and physicochemical properties of eggs. *Food Chemistry*, **2017**, 221, 1096-1103	8.5	16
26	Individual CLA Isomers, c9t11 and t10c12, Prevent Excess Liver Glycogen Storage and Inhibit Lipogenic Genes Expression Induced by High-Fructose Diet in Rats. *BioMed Research International*, **2015**, 2015, 535982	3	16
25	HHIPL1, a Gene at the 14q32 Coronary Artery Disease Locus, Positively Regulates Hedgehog Signaling and Promotes Atherosclerosis. *Circulation*, **2019**, 140, 500-513	16.7	15
24	Characterisation of Atherogenic Effects of Low Carbohydrate, High Protein Diet (LCHP) in ApoE/LDLR-/- Mice. *Journal of Nutrition, Health and Aging*, **2015**, 19, 710-8	5.2	13
23	Effects of a single bout of strenuous exercise on platelet activation in female ApoE/LDLR mice. *Platelets*, **2017**, 28, 657-667	3.6	11

22	Effect of low carbohydrate high protein (LCHP) diet on lipid metabolism, liver and kidney function in rats. *Environmental Toxicology and Pharmacology*, **2015**, 39, 713-9	5.8	11
21	Effect of conjugated linoleic acid (CLA) on lipid profile and liver histology in laboratory rats fed high-fructose diet. *Environmental Toxicology and Pharmacology*, **2010**, 30, 245-50	5.8	11
20	Anti-atherosclerotic activity of catechins depends on their stereoisomerism. *Atherosclerosis*, **2015**, 240, 125-30	3.1	10
19	Exercise capacity and cardiac hemodynamic response in female ApoE/LDLR(-/-) mice: a paradox of preserved V□O2max and exercise capacity despite coronary atherosclerosis. *Scientific Reports*, **2016**, 6, 24714	4.9	9
18	Effects of margarine supplemented with t10c12 and C9T11 CLA on atherosclerosis and steatosis in apoE/LDLR -/- mice. *Journal of Nutrition, Health and Aging*, **2012**, 16, 482-90	5.2	9
17	Comprehensive MRI for the detection of subtle alterations in diastolic cardiac function in apoE/LDLR(-/-) mice with advanced atherosclerosis. *NMR in Biomedicine*, **2016**, 29, 833-40	4.4	9
16	Anti-atherosclerotic effects of pravastatin in brachiocephalic artery in comparison with en face aorta and aortic roots in ApoE/LDLR mice. *Pharmacological Reports*, **2017**, 69, 112-118	3.9	8
15	Haematological parameters, serum lipid profile, liver function and fatty acid profile of broiler chickens fed on diets supplemented with pomegranate seed oil and linseed oil. *British Poultry Science*, **2016**, 57, 771-779	1.9	8
14	Hypertriglyceridemia but not hypercholesterolemia induces endothelial dysfunction in the rat. *Pharmacological Reports*, **2005**, 57 Suppl, 127-37	3.9	8
13	Distinct Chemical Changes in Abdominal but Not in Thoracic Aorta upon Atherosclerosis Studied Using Fiber Optic Raman Spectroscopy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
12	Vitamin K-MK-7 improves nitric oxide-dependent endothelial function in ApoE/LDLR mice. *Vascular Pharmacology*, **2019**, 122-123, 106581	5.9	6
11	A comprehensive approach to study liver tissue: Spectroscopic imaging and histochemical staining. *Biomedical Spectroscopy and Imaging*, **2013**, 2, 331-337	1.3	5
10	Distribution of selected elements in atherosclerotic plaques of apoE/LDLR-double knockout mice subjected to dietary and pharmacological treatments. *Radiation Physics and Chemistry*, **2011**, 80, 1072-1077	2.5	5
9	Margarine supplemented with conjugated linolenic acid (CLnA) has no effect on atherosclerosis but alleviates the liver steatosis and affects the expression of lipid metabolism genes in apoE/LDLR-/- mice. *European Journal of Lipid Science and Technology*, **2015**, 117, 589-600	3	4
8	Critical evaluation of normotensive rats as models for hypercholesterolaemia-induced atherosclerosis. *Journal of Animal and Feed Sciences*, **2005**, 14, 339-351	1.5	4
7	Effects of trans-10,cis-12 and cis-9,trans-11 CLA on atherosclerosis in apoE/LDLR□□mice. *European Journal of Lipid Science and Technology*, **2011**, 113, 572-583	3	3
6	Chemical Composition of Atherosclerotic Plaques □apoE/LDLR-Double Knockout Mice by Synchrotron Radiation FTIR Microspectroscopy. *Acta Physica Polonica A*, **2012**, 121, 555-560	0.6	3
5	Spontaneously hypertensive rats are resistant to hypercholesterolaemia-induced atherosclerosis. *Journal of Animal and Feed Sciences*, **2006**, 15, 103-114	1.5	2

4	Effects of Dietary Conjugated Linoleic Acid and Selected Vegetable Oils or Vitamin E on Fatty Acid Composition of Hen Egg Yolks. *Annals of Animal Science*, **2019**, 19, 173-188	2	2
3	Multi-omic signatures of atherogenic dyslipidaemia: pre-clinical target identification and validation in humans. *Journal of Translational Medicine*, **2021**, 19, 6	8.5	2
2	Effect of caloric restriction on liver function in young and old ApoE/LDLr-/- mice. *Roczniki Panstwowego Zakladu Higieny*, **2018**, 69, 37-43	1.2	2
1	Effect of conjugated linoleic acid and different type of dietary fat on serum lipid profile, liver enzymes activity and oxidative stress markers in Wistar rats. *Roczniki Panstwowego Zakladu Higieny*, **2019**, 70, 27-33	1.2	1