

Renata B Kostogryś

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.

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	Multi-omic signatures of atherogenic dyslipidaemia: pre-clinical target identification and validation in humans. <i>Journal of Translational Medicine</i> , 2021 , 19, 6	8.5	2
38	Distinct Chemical Changes in Abdominal but Not in Thoracic Aorta upon Atherosclerosis Studied Using Fiber Optic Raman Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
37	Vitamin K-MK-7 improves nitric oxide-dependent endothelial function in ApoE/LDLR mice. <i>Vascular Pharmacology</i> , 2019 , 122-123, 106581	5.9	6
36	An Analysis of Isolated and Intact RBC Membranes-A Comparison of a Semiquantitative Approach by Means of FTIR, Nano-FTIR, and Raman Spectroscopies. <i>Analytical Chemistry</i> , 2019 , 91, 9867-9874	7.8	22
35	HHIPL1, a Gene at the 14q32 Coronary Artery Disease Locus, Positively Regulates Hedgehog Signaling and Promotes Atherosclerosis. <i>Circulation</i> , 2019 , 140, 500-513	16.7	15
34	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. <i>Journal of the American Heart Association</i> , 2019 , 8, e011171	6	44
33	Effects of Dietary Conjugated Linoleic Acid and Selected Vegetable Oils or Vitamin E on Fatty Acid Composition of Hen Egg Yolks. <i>Annals of Animal Science</i> , 2019 , 19, 173-188	2	2
32	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. <i>Roczniki Panstwowego Zakladu Higieny</i> , 2019 , 70, 27-33	1.2	1
31	Effect of caloric restriction on liver function in young and old ApoE/LDLr ^{-/-} mice. <i>Roczniki Panstwowego Zakladu Higieny</i> , 2018 , 69, 37-43	1.2	2
30	Effects of a single bout of strenuous exercise on platelet activation in female ApoE/LDLR mice. <i>Platelets</i> , 2017 , 28, 657-667	3.6	11
29	Effect of dietary pomegranate seed oil on laying hen performance and physicochemical properties of eggs. <i>Food Chemistry</i> , 2017 , 221, 1096-1103	8.5	16
28	Anti-atherosclerotic effects of pravastatin in brachiocephalic artery in comparison with en face aorta and aortic roots in ApoE/LDLR mice. <i>Pharmacological Reports</i> , 2017 , 69, 112-118	3.9	8
27	Exercise capacity and cardiac hemodynamic response in female ApoE/LDLR(-/-) mice: a paradox of preserved V _O 2max and exercise capacity despite coronary atherosclerosis. <i>Scientific Reports</i> , 2016 , 6, 24714	4.9	9
26	Antiatherosclerotic Effects of 1-Methylnicotinamide in Apolipoprotein E/Low-Density Lipoprotein Receptor-Deficient Mice: A Comparison with Nicotinic Acid. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 514-24	4.7	26
25	Comprehensive MRI for the detection of subtle alterations in diastolic cardiac function in apoE/LDLR(-/-) mice with advanced atherosclerosis. <i>NMR in Biomedicine</i> , 2016 , 29, 833-40	4.4	9
24	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. <i>British Poultry Science</i> , 2016 , 57, 771-779	1.9	8
23	Anti-atherosclerotic activity of catechins depends on their stereoisomerism. <i>Atherosclerosis</i> , 2015 , 240, 125-30	3.1	10

22	Raman spectroscopy analysis of lipid droplets content, distribution and saturation level in Non-Alcoholic Fatty Liver Disease in mice. <i>Journal of Biophotonics</i> , 2015 , 8, 597-609	3.1	39
21	Effects of Low Carbohydrate High Protein (LCHP) diet on atherosclerotic plaque phenotype in ApoE/LDLR ^{-/-} mice: FT-IR and Raman imaging. <i>Scientific Reports</i> , 2015 , 5, 14002	4.9	20
20	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. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 589-600	3	4
19	Individual CLA Isomers, c9t11 and t10c12, Prevent Excess Liver Glycogen Storage and Inhibit Lipogenic Genes Expression Induced by High-Fructose Diet in Rats. <i>BioMed Research International</i> , 2015 , 2015, 535982	3	16
18	Characterisation of Atherogenic Effects of Low Carbohydrate, High Protein Diet (LCHP) in ApoE/LDLR ^{-/-} Mice. <i>Journal of Nutrition, Health and Aging</i> , 2015 , 19, 710-8	5.2	13
17	Effect of low carbohydrate high protein (LCHP) diet on lipid metabolism, liver and kidney function in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 713-9	5.8	11
16	Identification of a biochemical marker for endothelial dysfunction using Raman spectroscopy. <i>Analyst, The</i> , 2015 , 140, 2185-9	5	22
15	Quantification of plaque area and characterization of plaque biochemical composition with atherosclerosis progression in ApoE/LDLR ^(-/-) mice by FT-IR imaging. <i>Analyst, The</i> , 2013 , 138, 6645-52	5	23
14	A comprehensive approach to study liver tissue: Spectroscopic imaging and histochemical staining. <i>Biomedical Spectroscopy and Imaging</i> , 2013 , 2, 331-337	1.3	5
13	Low carbohydrate, high protein diet promotes atherosclerosis in apolipoprotein E/low-density lipoprotein receptor double knockout mice (apoE/LDLR ^(-/-)). <i>Atherosclerosis</i> , 2012 , 223, 327-31	3.1	28
12	Functional alterations in endothelial NO, PGI ₂ and EDHF pathways in aorta in ApoE/LDLR ^{-/-} mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2012 , 98, 107-15	3.7	40
11	Effects of margarine supplemented with t10c12 and C9T11 CLA on atherosclerosis and steatosis in apoE/LDLR ^{-/-} mice. <i>Journal of Nutrition, Health and Aging</i> , 2012 , 16, 482-90	5.2	9
10	Chemical Composition of Atherosclerotic Plaques in apoE/LDLR-Double Knockout Mice by Synchrotron Radiation FTIR Microspectroscopy. <i>Acta Physica Polonica A</i> , 2012 , 121, 555-560	0.6	3
9	Effects of trans-10,cis-12 and cis-9,trans-11 CLA on atherosclerosis in apoE/LDLR ^(-/-) mice. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 572-583	3	3
8	Distribution of selected elements in atherosclerotic plaques of apoE/LDLR-double knockout mice subjected to dietary and pharmacological treatments. <i>Radiation Physics and Chemistry</i> , 2011 , 80, 1072-1077	2.5	5
7	Effect of conjugated linoleic acid (CLA) on lipid profile and liver histology in laboratory rats fed high-fructose diet. <i>Environmental Toxicology and Pharmacology</i> , 2010 , 30, 245-50	5.8	11
6	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 ^(-/-)). <i>British Journal of Nutrition</i> , 2008 , 99, 49-58	3.6	31
5	1-Methylnicotinamide (MNA) prevents endothelial dysfunction in hypertriglyceridemic and diabetic rats. <i>Pharmacological Reports</i> , 2008 , 60, 127-38	3.9	46

4	Hypercholesterolemia does not alter endothelial function in spontaneously hypertensive rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 1019-26	4.7	19
3	Spontaneously hypertensive rats are resistant to hypercholesterolaemia-induced atherosclerosis. <i>Journal of Animal and Feed Sciences</i> , 2006 , 15, 103-114	1.5	2
2	Critical evaluation of normotensive rats as models for hypercholesterolaemia-induced atherosclerosis. <i>Journal of Animal and Feed Sciences</i> , 2005 , 14, 339-351	1.5	4
1	Hypertriglyceridemia but not hypercholesterolemia induces endothelial dysfunction in the rat. <i>Pharmacological Reports</i> , 2005 , 57 Suppl, 127-37	3.9	8