Ivana Kralova Lesna

List of Publications by Year
in descending order

55	679	687363 13	610901 24
papers	citations	h-index	g-index

56	56	56	1482
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of the Relative Telomere Length Measured in Leukocytes and Eleven Different Human Tissues. Physiological Research, 2014, 63, S343-S350.	0.9	96
2	Monocyte adhesion to the endothelium is an initial stage of atherosclerosis development. Cor Et Vasa, 2016, 58, e419-e425.	0.1	79
3	Characterisation and comparison of adipose tissue macrophages from human subcutaneous, visceral and perivascular adipose tissue. Journal of Translational Medicine, 2016, 14, 208.	4.4	63
4	Replacement of dietary saturated FAs by PUFAs in diet and reverse cholesterol transport. Journal of Lipid Research, 2008, 49, 2414-2418.	4.2	49
5	Polarization of Macrophages in Human Adipose Tissue is Related to the Fatty Acid Spectrum in Membrane Phospholipids. Nutrients, 2020, 12, 8.	4.1	37
6	Cardiovascular disease predictors and adipose tissue macrophage polarization: Is there a link?. European Journal of Preventive Cardiology, 2018, 25, 328-334.	1.8	26
7	Effect of Different Types of Dietary Fatty Acids on Subclinical Inflammation in Humans. Physiological Research, 2013, 62, 145-152.	0.9	26
8	Human adipose tissue accumulation is associated with pro-inflammatory changes in subcutaneous rather than visceral adipose tissue. Nutrition and Diabetes, 2017, 7, e264-e264.	3.2	25
9	Could human cold adaptation decrease the risk of cardiovascular disease?. Journal of Thermal Biology, 2015, 52, 192-198.	2.5	23
10	The relationship between non-HDL cholesterol and macrophage phenotypes in human adipose tissue. Journal of Lipid Research, 2016, 57, 1899-1905.	4.2	23
11	Macrophage subsets in the adipose tissue could be modified by sex and the reproductive age of women. Atherosclerosis, 2015, 241, 255-258.	0.8	19
12	Cholesterol in the Cell Membraneâ€"An Emerging Player in Atherogenesis. International Journal of Molecular Sciences, 2022, 23, 533.	4.1	17
13	Life style change and reverse cholesterol transport in obese women. Physiological Research, 2009, 58 Suppl 1, S33-S38.	0.9	16
14	Is an Increased Risk of Developing Guillainâ€"BarrÃ© Syndrome Associated with Seasonal Influenza Vaccination? A Systematic Review and Meta-Analysis. Vaccines, 2020, 8, 150.	4.4	14
15	Immunological Aspects of Atherosclerosis. Physiological Research, 2014, 63, S335-S342.	0.9	13
16	Is the Amount of Coronary Perivascular Fat Related to Atherosclerosis?. Physiological Research, 2015, 64, S435-S443.	0.9	13
17	Pro-Inflammatory Gene Expression in Adipose Tissue of Patients With Atherosclerosis. Physiological Research, 2017, 66, 633-640.	0.9	13
18	Biphasic response in number of stem cells and endothelial progenitor cells after left ventricular assist device implantation: A 6 month follow-up. International Journal of Cardiology, 2016, 218, 98-103.	1.7	11

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19	Endothelial Dysfunction Expressed as Endothelial Microparticles in Patients With End-Stage Heart Failure. Physiological Research, 2014, 63, S369-S373.	0.9	11
20	Adipose Tissue and Atherosclerosis. Physiological Research, 2015, 64, S395-S402.	0.9	11
21	The Effectiveness of Post-Vaccination and Post-Infection Protection in the Hospital Staff of Three Prague Hospitals: A Cohort Study of 8-Month Follow-Up from the Start of the COVID-19 Vaccination Campaign (COVANESS). Vaccines, 2022, 10, 9.	4.4	11
22	The effect of cytokines produced by human adipose tissue on monocyte adhesion to the endothelium. Cell Adhesion and Migration, 2019, 13, 292-301.	2.7	10
23	Statins Directly Influence the Polarization of Adipose Tissue Macrophages: A Role in Chronic Inflammation. Biomedicines, 2021, 9, 211.	3.2	8
24	Effect of Exercise on Markers of Vascular Health in Renal Transplant Recipients. Physiological Research, 2015, 64, 945-949.	0.9	8
25	Can Vaccination Trigger Autoimmune Disorders? A Meta-Analysis. Vaccines, 2021, 9, 821.	4.4	7
26	Both sublingual and supralingual routes of administration are effective in long-term allergen-specific immunotherapy. Allergy and Asthma Proceedings, 2011, 32, 142-150.	2.2	6
27	Intake of Carp Meat From Two Aquaculture Production Systems Aimed at Secondary Prevention of Ischemic Heart Disease â€“ a Follow-up Study. Physiological Research, 2017, 66, S129-S137.	0.9	6
28	Inflammation and atherosclerosis. Vnitrni Lekarstvi, 2018, 64, 1142-1146.	0.2	6
29	Smoking impairs and circulating stem cells favour the protective effect of the T allele of the connexin37 gene in ischemic heart disease â€“ A multinational study. Atherosclerosis, 2016, 244, 73-78.	0.8	5
30	SARS-CoV-2 vaccination in the context of original antigenic sin. Human Vaccines and Immunotherapeutics, 2022, 18, 1-3.	3.3	5
31	High Prevalence of Neutrophil Cytoplasmic Autoantibodies in Infants with Food Protein-Induced Proctitis/Proctocolitis: Autoimmunity Involvement?. Journal of Immunology Research, 2015, 2015, 1-8.	2.2	4
32	Factors Influencing Persistence of Diphtheria Immunity and Immune Response to a Booster Dose in Healthy Slovak Adults. Vaccines, 2019, 7, 139.	4.4	3
33	Co-Cultivation of Human Aortic Smooth Muscle Cells With Epicardial Adipocytes Affects Their Proliferation Rate. Physiological Research, 2014, 63, S419-S427.	0.9	3
34	Effect of rosuvastatin treatment on cholesterol efflux from human macrophages. Neuroendocrinology Letters, 2011, 32 Suppl 2, 24-8.	0.2	3
35	Co-cultivation of human aortic smooth muscle cells with epicardial adipocytes affects their proliferation rate. Atherosclerosis, 2015, 241, e76.	0.8	2
36	Pro-inflammatory gene expression in adipose tissue in patients with atherosclerosis. Atherosclerosis, 2016, 252, e174.	0.8	2

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37	Adipose tissue macrophages and atherogenesis â€“ a synergy with cholesterolaemia. Physiological Research, 2021, , S535-S549.	0.9	2
38	Anti-inflammatory effect of fish oil in human adipose tissue. International Journal of Obesity, 2021, 45, 2288-2288.	3.4	1
39	The Effect of Ectopic Fat on Graft Function After Living Kidney Transplantation. Physiological Research, 2015, 64, S411-S417.	0.9	1
40	HDL and apolipoprotein A1 concentrations as markers of cholesterol efflux in middle-aged women: interaction with smoking. Neuroendocrinology Letters, 2012, 33 Suppl 2, 38-42.	0.2	1
41	DOES HDL CHOLESTEROL CONCENTRATION CORRESPOND TO REVERSE CHOLESTEROL TRANSPORT AFTER LIFE STYLE CHANGES?. Atherosclerosis Supplements, 2008, 9, 122.	1.2	0
42	Non-HDL cholesterol relates to pro-inflammatory status of human visceral adipose tissue. Atherosclerosis, 2016, 252, e182.	0.8	0
43	Short-term aerobic exercise improves aortic stiffness in women after menopause. Atherosclerosis, 2016, 252, e166.	0.8	0
44	Human adipose tissue accumulation is connected with pro-inflammatory changes in subcutaneous rather than visceral adipose tissue. Atherosclerosis, 2017, 263, e72.	0.8	0
45	The effect of adipose tissue products on monocyte adhesivity to the endothelium. Atherosclerosis, 2017, 263, e132.	0.8	0
46	Pro-inflammatory macrophages of visceral adipose tissue and a pleotropic effect of statins. Atherosclerosis, 2017, 263, e113.	0.8	0
47	The secondary prevention for ischaemic heart disease after coronary bypass grafting â€“ follow up study. Atherosclerosis, 2017, 263, e158.	0.8	0
48	The effect of adipose tissue and stromal vascular fraction derived cytokines on monocyte adhesiveness to the endothelium. Atherosclerosis, 2018, 275, e47.	0.8	0
49	Macrophages of adipose tissue might affect life expectancy of fh individuals. Atherosclerosis, 2018, 275, e116.	0.8	0
50	Does Inflammation In Perivascular Adipose Tissue Affect The Adjacent Arterial Wall?. Atherosclerosis, 2019, 287, e244-e245.	0.8	0
51	Ultrasound And Immunological Properties Of Carotid Artery Plaques: A Combined Approach. Atherosclerosis, 2019, 287, e238-e239.	0.8	0
52	Asymmetric Dimethylarginine and Endothelial Progenitor Cells After Renal Transplantation: the Effect of Exercise Training. Physiological Research, 2014, 63, S411-S417.	0.9	0
53	Macrophage Phenotypes in the Adipose Tissue of Postmenopausal Women. Physiological Research, 2015, 64, S427-S433.	0.9	0
54	Adipose tissue macrophages and atherogenesis - a synergy with cholesterolaemia.. Physiological Research, 2021, 70, S535-S549.	0.9	0

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55	Tagging SNPs within regulatory parts of APOA5 and CYP7A1 genes and their expression in human liver tissue: a pilot study. Clinical Lipidology, 2016, 11, 28-32.	0.4	0