

# Ivana Kralova Lesna

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

679  
citations

687363

13  
h-index

610901

24  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1482  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | SARS-CoV-2 vaccination in the context of original antigenic sin. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-3.  | 3.3 | 5         |
| 2  | Cholesterol in the Cell Membrane—An Emerging Player in Atherogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 533.   | 4.1 | 17        |
| 3  | 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). <i>Vaccines</i> , 2022, 10, 9. | 4.4 | 11        |
| 4  | Statins Directly Influence the Polarization of Adipose Tissue Macrophages: A Role in Chronic Inflammation. <i>Biomedicines</i> , 2021, 9, 211.  | 3.2 | 8         |
| 5  | Anti-inflammatory effect of fish oil in human adipose tissue. <i>International Journal of Obesity</i> , 2021, 45, 2288-2288.  | 3.4 | 1         |
| 6  | Can Vaccination Trigger Autoimmune Disorders? A Meta-Analysis. <i>Vaccines</i> , 2021, 9, 821.  | 4.4 | 7         |
| 7  | Adipose tissue macrophages and atherogenesis — a synergy with cholesterolaemia. <i>Physiological Research</i> , 2021, , S535-S549.  | 0.9 | 2         |
| 8  | Adipose tissue macrophages and atherogenesis - a synergy with cholesterolaemia.. <i>Physiological Research</i> , 2021, 70, S535-S549.   | 0.9 | 0         |
| 9  | Polarization of Macrophages in Human Adipose Tissue is Related to the Fatty Acid Spectrum in Membrane Phospholipids. <i>Nutrients</i> , 2020, 12, 8.  | 4.1 | 37        |
| 10 | Is an Increased Risk of Developing Guillain-Barré Syndrome Associated with Seasonal Influenza Vaccination? A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2020, 8, 150.   | 4.4 | 14        |
| 11 | The effect of cytokines produced by human adipose tissue on monocyte adhesion to the endothelium. <i>Cell Adhesion and Migration</i> , 2019, 13, 292-301.   | 2.7 | 10        |
| 12 | Factors Influencing Persistence of Diphtheria Immunity and Immune Response to a Booster Dose in Healthy Slovak Adults. <i>Vaccines</i> , 2019, 7, 139.  | 4.4 | 3         |
| 13 | Does Inflammation In Perivascular Adipose Tissue Affect The Adjacent Arterial Wall?. <i>Atherosclerosis</i> , 2019, 287, e244-e245.   | 0.8 | 0         |
| 14 | Ultrasound And Immunological Properties Of Carotid Artery Plaques: A Combined Approach. <i>Atherosclerosis</i> , 2019, 287, e238-e239.  | 0.8 | 0         |
| 15 | Cardiovascular disease predictors and adipose tissue macrophage polarization: Is there a link?. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 328-334.   | 1.8 | 26        |
| 16 | The effect of adipose tissue and stromal vascular fraction derived cytokines on monocyte adhesiveness to the endothelium. <i>Atherosclerosis</i> , 2018, 275, e47.  | 0.8 | 0         |
| 17 | Macrophages of adipose tissue might affect life expectancy of fh individuals. <i>Atherosclerosis</i> , 2018, 275, e116.   | 0.8 | 0         |
| 18 | Inflammation and atherosclerosis. <i>Vnitřní Lekarství</i> , 2018, 64, 1142-1146.   | 0.2 | 6         |

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|----|--|-----|-----------|
| 19 | Human adipose tissue accumulation is associated with pro-inflammatory changes in subcutaneous rather than visceral adipose tissue. <i>Nutrition and Diabetes</i> , 2017, 7, e264-e264.                             | 3.2 | 25        |
| 20 | Human adipose tissue accumulation is connected with pro-inflammatory changes in subcutaneous rather than visceral adipose tissue. <i>Atherosclerosis</i> , 2017, 263, e72.   | 0.8 | 0         |
| 21 | The effect of adipose tissue products on monocyte adhesivity to the endothelium. <i>Atherosclerosis</i> , 2017, 263, e132.   | 0.8 | 0         |
| 22 | Pro-inflammatory macrophages of visceral adipose tissue and a pleotropic effect of statins. <i>Atherosclerosis</i> , 2017, 263, e113.  | 0.8 | 0         |
| 23 | The secondary prevention for ischaemic heart disease after coronary bypass grafting – follow up study. <i>Atherosclerosis</i> , 2017, 263, e158.   | 0.8 | 0         |
| 24 | Pro-Inflammatory Gene Expression in Adipose Tissue of Patients With Atherosclerosis. <i>Physiological Research</i> , 2017, 66, 633-640.  | 0.9 | 13        |
| 25 | Intake of Carp Meat From Two Aquaculture Production Systems Aimed at Secondary Prevention of Ischemic Heart Disease – a Follow-up Study. <i>Physiological Research</i> , 2017, 66, S129-S137.                      | 0.9 | 6         |
| 26 | Characterisation and comparison of adipose tissue macrophages from human subcutaneous, visceral and perivascular adipose tissue. <i>Journal of Translational Medicine</i> , 2016, 14, 208.                         | 4.4 | 63        |
| 27 | Biphasic response in number of stem cells and endothelial progenitor cells after left ventricular assist device implantation: A 6 month follow-up. <i>International Journal of Cardiology</i> , 2016, 218, 98-103. | 1.7 | 11        |
| 28 | Non-HDL cholesterol relates to pro-inflammatory status of human visceral adipose tissue. <i>Atherosclerosis</i> , 2016, 252, e182.   | 0.8 | 0         |
| 29 | Pro-inflammatory gene expression in adipose tissue in patients with atherosclerosis. <i>Atherosclerosis</i> , 2016, 252, e174.   | 0.8 | 2         |
| 30 | The relationship between non-HDL cholesterol and macrophage phenotypes in human adipose tissue. <i>Journal of Lipid Research</i> , 2016, 57, 1899-1905.  | 4.2 | 23        |
| 31 | Short-term aerobic exercise improves aortic stiffness in women after menopause. <i>Atherosclerosis</i> , 2016, 252, e166.  | 0.8 | 0         |
| 32 | Smoking impairs and circulating stem cells favour the protective effect of the T allele of the connexin37 gene in ischemic heart disease – A multinational study. <i>Atherosclerosis</i> , 2016, 244, 73-78.       | 0.8 | 5         |
| 33 | Monocyte adhesion to the endothelium is an initial stage of atherosclerosis development. <i>Cor Et Vasa</i> , 2016, 58, e419-e425.   | 0.1 | 79        |
| 34 | Tagging SNPs within regulatory parts of <i>APOA5</i> and <i>CYP7A1</i> genes and their expression in human liver tissue: a pilot study. <i>Clinical Lipidology</i> , 2016, 11, 28-32.                              | 0.4 | 0         |
| 35 | High Prevalence of Neutrophil Cytoplasmic Autoantibodies in Infants with Food Protein-Induced Proctitis/Proctocolitis: Autoimmunity Involvement?. <i>Journal of Immunology Research</i> , 2015, 2015, 1-8.         | 2.2 | 4         |
| 36 | Co-cultivation of human aortic smooth muscle cells with epicardial adipocytes affects their proliferation rate. <i>Atherosclerosis</i> , 2015, 241, e76.   | 0.8 | 2         |

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|----|--|-----|-----------|
| 37 | Macrophage subsets in the adipose tissue could be modified by sex and the reproductive age of women. <i>Atherosclerosis</i> , 2015, 241, 255-258.                                      | 0.8 | 19        |
| 38 | Could human cold adaptation decrease the risk of cardiovascular disease?. <i>Journal of Thermal Biology</i> , 2015, 52, 192-198.   | 2.5 | 23        |
| 39 | Effect of Exercise on Markers of Vascular Health in Renal Transplant Recipients. <i>Physiological Research</i> , 2015, 64, 945-949.  | 0.9 | 8         |
| 40 | Is the Amount of Coronary Perivascular Fat Related to Atherosclerosis?. <i>Physiological Research</i> , 2015, 64, S435-S443.   | 0.9 | 13        |
| 41 | Adipose Tissue and Atherosclerosis. <i>Physiological Research</i> , 2015, 64, S395-S402.   | 0.9 | 11        |
| 42 | The Effect of Ectopic Fat on Graft Function After Living Kidney Transplantation. <i>Physiological Research</i> , 2015, 64, S411-S417.  | 0.9 | 1         |
| 43 | Macrophage Phenotypes in the Adipose Tissue of Postmenopausal Women. <i>Physiological Research</i> , 2015, 64, S427-S433.  | 0.9 | 0         |
| 44 | Comparison of the Relative Telomere Length Measured in Leukocytes and Eleven Different Human Tissues. <i>Physiological Research</i> , 2014, 63, S343-S350.                             | 0.9 | 96        |
| 45 | Immunological Aspects of Atherosclerosis. <i>Physiological Research</i> , 2014, 63, S335-S342.   | 0.9 | 13        |
| 46 | Endothelial Dysfunction Expressed as Endothelial Microparticles in Patients With End-Stage Heart Failure. <i>Physiological Research</i> , 2014, 63, S369-S373.                         | 0.9 | 11        |
| 47 | Co-Cultivation of Human Aortic Smooth Muscle Cells With Epicardial Adipocytes Affects Their Proliferation Rate. <i>Physiological Research</i> , 2014, 63, S419-S427.                   | 0.9 | 3         |
| 48 | Asymmetric Dimethylarginine and Endothelial Progenitor Cells After Renal Transplantation: the Effect of Exercise Training. <i>Physiological Research</i> , 2014, 63, S411-S417.        | 0.9 | 0         |
| 49 | Effect of Different Types of Dietary Fatty Acids on Subclinical Inflammation in Humans. <i>Physiological Research</i> , 2013, 62, 145-152.   | 0.9 | 26        |
| 50 | HDL and apolipoprotein A1 concentrations as markers of cholesterol efflux in middle-aged women: interaction with smoking. <i>Neuroendocrinology Letters</i> , 2012, 33 Suppl 2, 38-42. | 0.2 | 1         |
| 51 | Both sublingual and supralingual routes of administration are effective in long-term allergen-specific immunotherapy. <i>Allergy and Asthma Proceedings</i> , 2011, 32, 142-150.       | 2.2 | 6         |
| 52 | Effect of rosuvastatin treatment on cholesterol efflux from human macrophages. <i>Neuroendocrinology Letters</i> , 2011, 32 Suppl 2, 24-8.   | 0.2 | 3         |
| 53 | Life style change and reverse cholesterol transport in obese women. <i>Physiological Research</i> , 2009, 58 Suppl 1, S33-S38.   | 0.9 | 16        |
| 54 | DOES HDL CHOLESTEROL CONCENTRATION CORRESPOND TO REVERSE CHOLESTEROL TRANSPORT AFTER LIFE STYLE CHANGES?. <i>Atherosclerosis Supplements</i> , 2008, 9, 122.                           | 1.2 | 0         |

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|----|--|-----|-----------|
| 55 | Replacement of dietary saturated FAs by PUFAs in diet and reverse cholesterol transport. Journal of Lipid Research, 2008, 49, 2414-2418. | 4.2 | 49        |