## Vladimir Zivkovic

## List of Publications by Year in descending order

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Homocysteine and homocysteine-related compounds: an overview of the roles in the pathology of the
1 cardiovascular and nervous systems. Canadian Journal of Physiology and Pharmacology, 2018, 96,
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991-1003.

Nano-structural, compositional and micro-architectural signs of cortical bone fragility at the
2 superolateral femoral neck in elderly hip fracture patients vs. healthy aged controls. Experimental
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Gerontology, 2014, 55, 19-28.
3 Standardized Aronia melanocarpa Extract as Novel Supplement against Metabolic Syndrome: A Rat Model. International Journal of Molecular Sciences, 2019, 20, 6.

The effects of N -acetylcysteine on cisplatin-induced changes of cardiodynamic parameters within
coronary autoregulation range in isolated rat hearts. Toxicology Letters, 2016, 242, 34-46.
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Predicting Severity and Intrahospital Mortality in COVID-19: The Place and Role of Oxidative Stress.
Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.
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The effects of homocysteine-related compounds on cardiac contractility, coronary flow, and
oxidative stress markers in isolated rat heart. Molecular and Cellular Biochemistry, 2012, 370, 59-67.
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Psoriasis between Autoimmunity and Oxidative Stress: Changes Induced by Different Therapeutic
$7 \quad \begin{aligned} & \text { Psoriasis between Autoimmunity and Oxidative Stress: Changes Induced by } \\ & \text { Approaches. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17. }\end{aligned}$
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8 Protective Effects of <i>Galium verum L.</i>Extract against Cardiac Ischemia/Reperfusion Injury in
Spontaneously Hypertensive Rats. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.

9 Oxidant and antioxidant status in experimental rat testis after testicular torsion/detorsion.
9 International Journal of Fertility \& Sterility, 2015, 9, 121-8.
Effects of DL-Homocysteine Thiolactone on Cardiac Contractility, Coronary Flow, and Oxidative
10 Stress Markers in the Isolated Rat Heart: The Role of Different Gasotransmitters. BioMed Research
International, 2013, 2013, 1-9.
11 Morphometric Analysis of Connective Tissue Sheaths of Sural Nerve in Diabetic and Nondiabetic
Patients. BioMed Research International, 2014, 2014, 1-7.
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SGLT2 inhibitors: a focus on cardiac benefits and potential mechanisms. Heart Failure Reviews, 2022,
12 27,935-949.
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Protective role of carbon dioxide (CO2) in generation of reactive oxygen species. Molecular and
Cellular Biochemistry, 2016, 411, 317-330.
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Black chokeberry Aronia melanocarpa extract reduces blood pressure, glycemia and lipid profile in
14 patients with metabolic syndrome: a prospective controlled trial. Molecular and Cellular
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Biochemistry, 2021, 476, 2663-2673.
15 von Willebrand Factor and Oxidative Stress Parameters in Acute Coronary Syndromes. Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-11.
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Porotic paradox: distribution of cortical bone pore sizes at nano- and micro-levels in healthy vs. fragile human bone. Journal of Materials Science: Materials in Medicine, 2017, 28, 71.

Interleukin-6 as possible early marker of stress response after femoral fracture. Molecular and

Vitamin B complex mitigates cardiac dysfunction in highâ€methionine dietâ€induced

Vitamin B complex mitigates cardiac dysfunction in highâ€methionine dietâ€induced
hyperhomocysteinemia. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 683-693.

The significance of pontomedullar laceration in car occupants following frontal collisions: A retrospective autopsy study. Forensic Science International, 2010, 202, 13-16.
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The effects of N -acetylcysteine on cisplatin-induced cardiotoxicity on isolated rat hearts after short-term global ischemia. Toxicology Reports, 2015, 2, 996-1006.
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Bone quality analysis of jaw bones in individuals with type 2 diabetes mellitusâ€"post mortem anatomical and microstructural evaluation. Clinical Oral Investigations, 2021, 25, 4377-4400.
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The effects of chronic administration of nandrolone decanoate on redox status in exercised rats.
Molecular and Cellular Biochemistry, 2016, 411, 95-105.
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Modulation of <i> $\mathrm{N}</ \mathrm{i}\rangle$-methyl-<scp>d</scp>-aspartate receptors in isolated rat heart. Canadian
Journal of Physiology and Pharmacology, 2017, 95, 1327-1334.
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27 Cardioprotective effects of <i> Galium verum</i> L. extract against myocardial ischemia-reperfusion
injury. Archives of Physiology and Biochemistry, 2020, 126, 408-415.

The Effects of Thiamine Hydrochloride on Cardiac Function, Redox Status and Morphometric
Alterations in Doxorubicin-Treated Rats. Cardiovascular Toxicology, 2020, 20, 111-120.
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29 The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioningấ ${ }^{\prime \prime}$ Effects on Heart Function and Oxidative Stress. Biomolecules, 2020, 10, 1065.
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Mechano-structural alteration in proximal femora of individuals with alcoholic liver disease:
30 Implications for increased bone fragility. Bone, 2021, 150, 116020.
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> Clucagon Effects on Ischemic Vasodilatation in the Isolated Rat Heart. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-7.
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The anxiolytic effects of atorvastatin and simvastatin on dietary-induced increase in homocysteine levels in rats. Molecular and Cellular Biochemistry, 2019, 452, 199-217.
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The Beneficial Effects of Sulfur-containing Amino Acids on Cisplatininduced Cardiotoxicity and
Neurotoxicity in Rodents. Current Medicinal Chemistry, 2018, 25, 391-403.
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Comparison of training and detraining on redox state of rats: gender specific differences. General
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37 Nandrolone decanoate and physical activity affect quadriceps in peripubertal rats. Acta Histochemica,
2018, 120, 429-437.
\begin{tabular}{|c|c|c|c|}
\hline 41 & Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemiaấ"'reperfusion injury in rats with diabetes mellitus type 2. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 575-584. & 0.9 & 8 \\
\hline 42 & The severity of hepatic disorder is related to vertebral microstructure deterioration in cadaveric donors with liver cirrhosis. Microscopy Research and Technique, 2021, 84, 840-849. & 1.2 & 8 \\
\hline 43 & Hyperostosis frontalis interna in postmenopausal womenâ€"Possible relation to osteoporosis. Women and Health, 2016, 56, 994-1007. & 0.4 & 7 \\
\hline 44 & The Effects of Potassium Cyanide on the Functional Recovery of Isolated Rat Hearts after Ischemia and Reperfusion: The Role of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10. & 1.9 & 7 \\
\hline 45 & Effects of High Intensity Interval vs. Endurance Training on Cardiac Parameters in Ischemia/Reperfusion of Male Rats: Focus on Oxidative Stress. Frontiers in Physiology, 2021, 12, 534127. & 1.3 & 7 \\
\hline 46 & Vascular Complications in Individuals with Type 2 Diabetes Mellitus Additionally Increase the Risk of Femoral Neck Fractures Due to Deteriorated Trabecular Microarchitecture. Calcified Tissue International, 2022, 110, 65-73. & 1.5 & 7 \\
\hline 47 & The Connection of Periodontal Disease and Diabetes Mellitus: The Role of Matrix Metalloproteinases and Oxidative Stress. Serbian Journal of Experimental and Clinical Research, 2019, . & 0.2 & 7 \\
\hline 48 & The effects of verapamil and its combinations with glutamate and glycine on cardiodynamics, coronary flow and oxidative stress in isolated rat heart. Journal of Physiology and Biochemistry, 2017, 73, 141-153. & 1.3 & 6 \\
\hline 49 & The impact of high-intensity interval training and moderate-intensity continuous training regimes on cardiodynamic parameters in isolated heart of normotensive and hypertensive rats. Canadian Journal of Physiology and Pharmacology, 2019, 97, 631-637. & 0.7 & 6 \\
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50 Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. Canadian Journal of Physiology and Pharmacology, 2021, 99, 207-217.
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\hline 61 & Correspondence on: â€œGas embolism as a potential cause of death by helium poisoning â€" Postmortem computed tomography changes in two cases of suicidal helium inhalationâ€: Legal Medicine, 2018, 35, 86-87. & 0.6 & 4 \\
\hline 62 & Effects of different dietary regimes alone or in combination with standardized Aronia melanocarpa extract supplementation on lipid and fatty acids profiles in rats. Molecular and Cellular Biochemistry, 2019, 461, 141-150. & 1.4 & 4 \\
\hline 63 & Hydroxymethylglutaryl Coenzyme a Reductase Inhibitors Differentially Modulate Plasma Fatty Acids in Rats With Diet-Induced-Hyperhomocysteinemia: Is ï\%o-3 Fatty Acids Supplementation Necessary?. Frontiers in Physiology, 2019, 10, 892. & 1.3 & 4 \\
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Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. Undersea and Hyperbaric

Psammoma bodies as signs of choroid plexus ageing: A morphometric analysis. Vojnosanitetski Pregled,
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The Platinum(II) Complexes Induced Oxidative Stress of Isolated Rat Heart. Serbian Journal of
The Platinum(II) Complexes Induced Oxidative Stress of Isolated Rat Heart. Serbian Journal of
Experimental and Clinical Research, 2017, 18, 111-117.

Short-Term Administration of Lemon Balm Extract Ameliorates Myocardial Ischemia/Reperfusion

78 Subcutaneous adipose tissue measurements and better metabolic prediction. Open Medicine (Poland),
\begin{tabular}{|c|c|c|}
\hline 81 & The Effects of Cisplatin and Its PT(II) Analogue on Oxidative Stress of Isolated Rat Heart/ Efekti Cisplatine I PT(II) Analoga Cisplatine Na Oksidacioni Stres Izolovanog Srca Pacova. Serbian Journal of Experimental and Clinical Research, 2016, 17, 15-20. & 0.2 \\
\hline 82 & Quantum nature of consciousness â€" Double slit diffraction experiment in medicine. Medical Hypotheses, 2019, 133, 109382. & 0.8 \\
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Possible Role of N-Methyl-D-Aspartate Receptors in Physiology and Pathophysiology of Cardiovascular
System. Serbian Journal of Experimental and Clinical Research, 2019, 20, 3-13.

The impact of nine weeks swimming exercise on heart function in hypertensive and normotensive rats: role of cardiac oxidative stress. Journal of Sports Medicine and Physical Fitness, 2020, 59, 2075-2083.
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\hline 93 & <b>Commentary on:</b> Langlois <scp>NEI</scp>, Byard <scp>RW</scp>. Arterial perfusionâ€"a useful technique for evaluating incised wounds. J Forensic Sci https://doi.org/10.1111/1556-4029.13682. Epub 2017 Oct 30.. Journal of Forensic Sciences, 2018, 63, 650-650. & 0.9 \\
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94 Lesser availability of corrosive substances could decrease the rate of suicide attempts and corrosive
\(0.6 \quad 1\) attacks over time. Forensic Science, Medicine, and Pathology, 2020, 16, 567-568.
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Science, Medicine, and Pathology, 2020, 16, 735-739.
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Human anterior pituitaryâ€ \({ }^{T M}\) s ACTH cells during the aging process: immunohistochemic and morphometric study. Anatomical Science International, 2021, 96, 250-257.

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> Research, 2016, 17, 199-206.
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The Effects of Chronic Administration of Cisplatin on Oxidative Stress in the Isolated Rat Heart.
102 Serbian Journal of Experimental and Clinical Research, 2018, 19, 11-16.
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Atherogenic Impact of Homocysteine: Can \(\langle i\rangle \mathrm{HMG}-\mathrm{CoA}\langle/ \mathrm{i}\rangle\) Reductase Inhibitors Additionally Influence
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Relation Between Oxidative Stress and Carotid Artery Atherosclerosis in Hemodyalisis Patients.
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