## Vesna Otasevic

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ferroptosis as a Novel Determinant of $\hat{l}^2$ -Cell Death in Diabetic Conditions. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19.	4.0	20
2	Adipokine signatures of subcutaneous and visceral abdominal fat in normal-weight and obese women with different metabolic profiles. Archives of Medical Science, 2021, 17, 323-336.	0.9	16
3	Reactive oxygen, nitrogen, and sulfur species in human male fertility. A crossroad of cellular signaling and pathology. BioFactors, 2020, 46, 206-219.	5.4	22
4	Contribution of O-GlcNAc modification of NF-κB p65 in the attenuation of diabetes-induced haptoglobin expression in rat liver. Archives of Biological Sciences, 2020, 72, 555-565.	0.5	1
5	Evaluation of the antioxidative enzymes in the seminal plasma of infertile men: Contribution to classic semen quality analysis. Systems Biology in Reproductive Medicine, 2019, 65, 343-349.	2.1	11
6	A lesson from the oxidative metabolism of hibernator heart: Possible strategy for cardioprotection. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 219-220, 1-9.	1.6	8
7	Structural alterations in rat myocardium induced by chronic l-arginine and l-NAME supplementation. Saudi Journal of Biological Sciences, 2018, 25, 537-544.	3.8	5
8	The role of nitric oxide in diabetic skin (patho)physiology. Mechanisms of Ageing and Development, 2018, 172, 21-29.	4.6	5
9	Level of NO/nitrite and 3-nitrotyrosine in seminal plasma of infertile men: Correlation with sperm number, motility and morphology. Chemico-Biological Interactions, 2018, 291, 264-270.	4.0	15
10	Impact of nutrition on human fertility. Hrana I Ishrana, 2018, 59, 53-58.	0.2	0
11	Targeting the NO/superoxide ratio in adipose tissue: relevance to obesity and diabetes management. British Journal of Pharmacology, 2017, 174, 1570-1590.	5.4	46
12	Early energy metabolism-related molecular events in skeletal muscle of diabetic rats: The effects of l-arginine and SOD mimic. Chemico-Biological Interactions, 2017, 272, 188-196.	4.0	6
13	Physiological regulation and metabolic role of browning in white adipose tissue. Hormone Molecular Biology and Clinical Investigation, 2017, 31, .	0.7	10
14	Targeting the superoxide/nitric oxide ratio by <scp>L</scp> -arginine and SOD mimic in diabetic rat skin. Free Radical Research, 2016, 50, S51-S63.	3.3	9
15	Expression patterns of mitochondrial OXPHOS components, mitofusin 1 and dynamin-related protein 1 are associated with human embryo fragmentation. Reproduction, Fertility and Development, 2016, 28, 319.	0.4	8
16	Two key temporally distinguishable molecular and cellular components of white adipose tissue browning during cold acclimation. Journal of Physiology, 2015, 593, 3267-3280.	2.9	52
17	Correlation between Sperm Parameters and Protein Expression of Antioxidative Defense Enzymes in Seminal Plasma: A Pilot Study. Disease Markers, 2015, 2015, 1-5.	1.3	45
18	Redox implications in adipose tissue (dys)function—A new look at old acquaintances. Redox Biology, 2015, 6, 19-32.	9.0	72

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19	Molecular mechanisms of mitochondrial protection against oxidative damage in hibernators - the anti-aging effects of heterothermy. Free Radical Biology and Medicine, 2015, 86, S4.	2.9	0
20	New insights into male (in)fertility: the importance of <scp>NO</scp> . British Journal of Pharmacology, 2015, 172, 1455-1467.	5.4	56
21	Calcium-induced alteration of mitochondrial morphology and mitochondrial-endoplasmic reticulum contacts in rat brown adipocytes. European Journal of Histochemistry, 2014, 58, 2377.	1.5	19
22	Differences in the redox status of human visceral and subcutaneous adipose tissues – relationships to obesity and metabolic risk. Metabolism: Clinical and Experimental, 2014, 63, 661-671.	3.4	50
23	Expression and Subcellular Localization of Estrogen Receptors α and β in Human Fetal Brown Adipose Tissue. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 151-159.	3.6	48
24	Long-term dietary l-arginine supplementation increases endothelial nitric oxide synthase and vasoactive intestinal peptide immunoexpression in rat small intestine. European Journal of Nutrition, 2014, 53, 813-821.	3.9	11
25	The impact of cold acclimation and hibernation on antioxidant defenses in the ground squirrel (Spermophilus citellus): An update. Free Radical Biology and Medicine, 2013, 65, 916-924.	2.9	39
26	Molecular basis of hippocampal energy metabolism in diabetic rats: The effects of SOD mimic. Brain Research Bulletin, 2013, 99, 27-33.	3.0	16
27	Regulatory role of PGC-1alpha/PPARs signaling in skeletal muscle metabolic recruitment during cold acclimation. Journal of Experimental Biology, 2013, 216, 4233-41.	1.7	11
28	ls Manganese (II) Pentaazamacrocyclic Superoxide Dismutase Mimic Beneficial for Human Sperm Mitochondria Function and Motility?. Antioxidants and Redox Signaling, 2013, 18, 170-178.	5.4	34
29	Endocrine and Metabolic Signaling in Retroperitoneal White Adipose Tissue Remodeling during Cold Acclimation. Journal of Obesity, 2013, 2013, 1-8.	2.7	22
30	The origin of lipofuscin in brown adipocytes of hyperinsulinaemic rats: the role of lipid peroxidation and iron. Histology and Histopathology, 2013, 28, 493-503.	0.7	10
31	Mitochondrial Molecular Basis of Sevoflurane and Propofol Cardioprotection in Patients Undergoing Aortic Valve Replacement with Cardiopulmonary Bypass. Cellular Physiology and Biochemistry, 2012, 29, 131-142.	1.6	35
32	Protein expression of ubiquitin in interscapular brown adipose tissue during acclimation of rats to cold: the impact of â^™NO. Molecular and Cellular Biochemistry, 2012, 368, 189-193.	3.1	0
33	Relation of CuZnSOD activity with renal insufficiency in hypertensive diabetic patients. Indian Journal of Biochemistry and Biophysics, 2012, 49, 97-100.	0.0	0
34	Interscapular brown adipose tissue metabolic reprogramming during cold acclimation: Interplay of HIF-11± and AMPK1±. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 1252-1261.	2.4	30
35	Nitric oxide and thermogenesis - challenge in molecular cell physiology. Frontiers in Bioscience - Scholar, 2011, S3, 1180.	2.1	20
36	Effects of l-arginine and l-NAME supplementation on mRNA, protein expression and activity of catalase and glutathione peroxidase in brown adipose tissue of rats acclimated to different temperatures. Journal of Thermal Biology, 2011, 36, 269-276.	2.5	2

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37	Antioxidative defense and mitochondrial thermogenic response in brown adipose tissue. Genes and Nutrition, 2010, 5, 225-235.	2.5	15
38	NO modulates the molecular basis of rat interscapular brown adipose tissue thermogenesis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 152, 147-159.	2.6	20
39	Expression pattern of thermogenesis-related factors in interscapular brown adipose tissue of alloxan-treated rats: Beneficial effect of l-arginine. Nitric Oxide - Biology and Chemistry, 2010, 23, 42-50.	2.7	21
40	l-Arginine supplementation induces glutathione synthesis in interscapular brown adipose tissue through activation of glutamate-cysteine ligase expression: The role of nitric oxide. Chemico-Biological Interactions, 2009, 182, 204-212.	4.0	15
41	Erythrophagosomal haemolytic degradative pathway in rat brown adipocytes induced by hyperinsulinaemia: an ultrastructural study. Journal of Microscopy, 2008, 232, 526-529.	1.8	2
42	Nitric oxide regulates mitochondrial reâ€modelling in interscapular brown adipose tissue: ultrastructural and morphometricâ€stereologic studies. Journal of Microscopy, 2008, 232, 542-548.	1.8	26
43	Antioxidative defence alterations in skeletal muscle during prolonged acclimation to cold: role of <scp>l</scp> -arginine/NO-producing pathway. Journal of Experimental Biology, 2008, 211, 114-120.	1.7	47
44	The role of nitric oxide in remodeling of capillary network in rat interscapular brown adipose tissue after long-term cold acclimation. Histology and Histopathology, 2008, 23, 441-50.	0.7	17
45	Leptin immunoexpression and innervation in rat interscapular brown adipose tissue of cold-acclimated rats: the effects of L-arginine and L-NAME Folia Histochemica Et Cytobiologica, 2008, 46, 103-9.	1.5	2
46	The effects of cold acclimation and nitric oxide on antioxidative enzymes in rat pancreas. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 641-647.	2.6	6
47	Alterations in l-arginine-nitric oxide-producing pathway affect antioxidative defense in the rat skin. Journal of Dermatological Science, 2007, 47, 41-44.	1.9	2
48	Free radical equilibrium in interscapular brown adipose tissue: Relationship between metabolic profile and antioxidative defense. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 142, 60-65.	2.6	20
49	The effects of l-arginine and l-NAME supplementation on redox-regulation and thermogenesis in in interscapular brown adipose tissue. Journal of Experimental Biology, 2005, 208, 4263-4271.	1.7	47
50	Glutathion content, rate of apoptosis, and brown adipose tissue mass in rats exposed to different ambient temperatures. Journal of Thermal Biology, 2004, 29, 503-507.	2.5	3