

Vesna Otasevic

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

998
citations

393982

19
h-index

454577

30
g-index

55
all docs

55
docs citations

55
times ranked

1764
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroptosis as a Novel Determinant of β -Cell Death in Diabetic Conditions. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	1.9	20
2	Adipokine signatures of subcutaneous and visceral abdominal fat in normal-weight and obese women with different metabolic profiles. <i>Archives of Medical Science</i> , 2021, 17, 323-336.	0.4	16
3	Reactive oxygen, nitrogen, and sulfur species in human male fertility. A crossroad of cellular signaling and pathology. <i>BioFactors</i> , 2020, 46, 206-219.	2.6	22
4	Contribution of O-GlcNAc modification of NF- κ B p65 in the attenuation of diabetes-induced haptoglobin expression in rat liver. <i>Archives of Biological Sciences</i> , 2020, 72, 555-565.	0.2	1
5	Evaluation of the antioxidative enzymes in the seminal plasma of infertile men: Contribution to classic semen quality analysis. <i>Systems Biology in Reproductive Medicine</i> , 2019, 65, 343-349.	1.0	11
6	A lesson from the oxidative metabolism of hibernator heart: Possible strategy for cardioprotection. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 219-220, 1-9.	0.7	8
7	Structural alterations in rat myocardium induced by chronic l-arginine and l-NAME supplementation. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 537-544.	1.8	5
8	The role of nitric oxide in diabetic skin (patho)physiology. <i>Mechanisms of Ageing and Development</i> , 2018, 172, 21-29.	2.2	5
9	Level of NO/nitrite and 3-nitrotyrosine in seminal plasma of infertile men: Correlation with sperm number, motility and morphology. <i>Chemico-Biological Interactions</i> , 2018, 291, 264-270.	1.7	15
10	Impact of nutrition on human fertility. <i>Hrana I Ishrana</i> , 2018, 59, 53-58.	0.2	0
11	Targeting the NO/superoxide ratio in adipose tissue: relevance to obesity and diabetes management. <i>British Journal of Pharmacology</i> , 2017, 174, 1570-1590.	2.7	46
12	Early energy metabolism-related molecular events in skeletal muscle of diabetic rats: The effects of l-arginine and SOD mimic. <i>Chemico-Biological Interactions</i> , 2017, 272, 188-196.	1.7	6
13	Physiological regulation and metabolic role of browning in white adipose tissue. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.3	10
14	Targeting the superoxide/nitric oxide ratio by l-arginine and SOD mimic in diabetic rat skin. <i>Free Radical Research</i> , 2016, 50, S51-S63.	1.5	9
15	Expression patterns of mitochondrial OXPHOS components, mitofusin 1 and dynamin-related protein 1 are associated with human embryo fragmentation. <i>Reproduction, Fertility and Development</i> , 2016, 28, 319.	0.1	8
16	Two key temporally distinguishable molecular and cellular components of white adipose tissue browning during cold acclimation. <i>Journal of Physiology</i> , 2015, 593, 3267-3280.	1.3	52
17	Correlation between Sperm Parameters and Protein Expression of Antioxidative Defense Enzymes in Seminal Plasma: A Pilot Study. <i>Disease Markers</i> , 2015, 2015, 1-5.	0.6	45
18	Redox implications in adipose tissue (dys)function – A new look at old acquaintances. <i>Redox Biology</i> , 2015, 6, 19-32.	3.9	72

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19	Molecular mechanisms of mitochondrial protection against oxidative damage in hibernators - the anti-aging effects of heterothermy. <i>Free Radical Biology and Medicine</i> , 2015, 86, S4.	1.3	0
20	New insights into male (in)fertility: the importance of <sc>NO</sc>. <i>British Journal of Pharmacology</i> , 2015, 172, 1455-1467.	2.7	56
21	Calcium-induced alteration of mitochondrial morphology and mitochondrial-endoplasmic reticulum contacts in rat brown adipocytes. <i>European Journal of Histochemistry</i> , 2014, 58, 2377.	0.6	19
22	Differences in the redox status of human visceral and subcutaneous adipose tissues â€ relationships to obesity and metabolic risk. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 661-671.	1.5	50
23	Expression and Subcellular Localization of Estrogen Receptors $\hat{1}\pm$ and $\hat{1}^2$ in Human Fetal Brown Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 151-159.	1.8	48
24	Long-term dietary l-arginine supplementation increases endothelial nitric oxide synthase and vasoactive intestinal peptide immunoexpression in rat small intestine. <i>European Journal of Nutrition</i> , 2014, 53, 813-821.	1.8	11
25	The impact of cold acclimation and hibernation on antioxidant defenses in the ground squirrel (<i>Spermophilus citellus</i>): An update. <i>Free Radical Biology and Medicine</i> , 2013, 65, 916-924.	1.3	39
26	Molecular basis of hippocampal energy metabolism in diabetic rats: The effects of SOD mimic. <i>Brain Research Bulletin</i> , 2013, 99, 27-33.	1.4	16
27	Regulatory role of PGC-1alpha/PPARs signaling in skeletal muscle metabolic recruitment during cold acclimation. <i>Journal of Experimental Biology</i> , 2013, 216, 4233-41.	0.8	11
28	Is Manganese (II) Pentaazamacrocyclic Superoxide Dismutase Mimic Beneficial for Human Sperm Mitochondria Function and Motility?. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 170-178.	2.5	34
29	Endocrine and Metabolic Signaling in Retroperitoneal White Adipose Tissue Remodeling during Cold Acclimation. <i>Journal of Obesity</i> , 2013, 2013, 1-8.	1.1	22
30	The origin of lipofuscin in brown adipocytes of hyperinsulinaemic rats: the role of lipid peroxidation and iron. <i>Histology and Histopathology</i> , 2013, 28, 493-503.	0.5	10
31	Mitochondrial Molecular Basis of Sevoflurane and Propofol Cardioprotection in Patients Undergoing Aortic Valve Replacement with Cardiopulmonary Bypass. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 131-142.	1.1	35
32	Protein expression of ubiquitin in interscapular brown adipose tissue during acclimation of rats to cold: the impact of $\hat{1}^{\text{TM}}\text{NO}$. <i>Molecular and Cellular Biochemistry</i> , 2012, 368, 189-193.	1.4	0
33	Relation of CuZnSOD activity with renal insufficiency in hypertensive diabetic patients. <i>Indian Journal of Biochemistry and Biophysics</i> , 2012, 49, 97-100.	0.2	0
34	Interscapular brown adipose tissue metabolic reprogramming during cold acclimation: Interplay of HIF-1 $\hat{1}\pm$ and AMPK $\hat{1}\pm$. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 1252-1261.	1.1	30
35	Nitric oxide and thermogenesis - challenge in molecular cell physiology. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1180.	0.8	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. <i>Journal of Thermal Biology</i> , 2011, 36, 269-276.	1.1	2

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37	Antioxidative defense and mitochondrial thermogenic response in brown adipose tissue. <i>Genes and Nutrition</i> , 2010, 5, 225-235.	1.2	15
38	NO modulates the molecular basis of rat interscapular brown adipose tissue thermogenesis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 147-159.	1.3	20
39	Expression pattern of thermogenesis-related factors in interscapular brown adipose tissue of alloxan-treated rats: Beneficial effect of l-arginine. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 42-50.	1.2	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. <i>Chemico-Biological Interactions</i> , 2009, 182, 204-212.	1.7	15
41	Erythrophagosomal haemolytic degradative pathway in rat brown adipocytes induced by hyperinsulinaemia: an ultrastructural study. <i>Journal of Microscopy</i> , 2008, 232, 526-529.	0.8	2
42	Nitric oxide regulates mitochondrial remodeling in interscapular brown adipose tissue: ultrastructural and morphometric stereologic studies. <i>Journal of Microscopy</i> , 2008, 232, 542-548.	0.8	26
43	Antioxidative defence alterations in skeletal muscle during prolonged acclimation to cold: role of l-arginine/NO-producing pathway. <i>Journal of Experimental Biology</i> , 2008, 211, 114-120.	0.8	47
44	The role of nitric oxide in remodeling of capillary network in rat interscapular brown adipose tissue after long-term cold acclimation. <i>Histology and Histopathology</i> , 2008, 23, 441-50.	0.5	17
45	Leptin immunoexpression and innervation in rat interscapular brown adipose tissue of cold-acclimated rats: the effects of L-arginine and L-NAME. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 103-9.	0.6	2
46	The effects of cold acclimation and nitric oxide on antioxidative enzymes in rat pancreas. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 145, 641-647.	1.3	6
47	Alterations in l-arginine-nitric oxide-producing pathway affect antioxidative defense in the rat skin. <i>Journal of Dermatological Science</i> , 2007, 47, 41-44.	1.0	2
48	Free radical equilibrium in interscapular brown adipose tissue: Relationship between metabolic profile and antioxidative defense. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 60-65.	1.3	20
49	The effects of l-arginine and l-NAME supplementation on redox-regulation and thermogenesis in interscapular brown adipose tissue. <i>Journal of Experimental Biology</i> , 2005, 208, 4263-4271.	0.8	47
50	Glutathion content, rate of apoptosis, and brown adipose tissue mass in rats exposed to different ambient temperatures. <i>Journal of Thermal Biology</i> , 2004, 29, 503-507.	1.1	3