

Ivan M Srejovic

List of Publications by Citations

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95
papers

419
citations

11
h-index

15
g-index

118
ext. papers

579
ext. citations

2.4
avg, IF

3.73
L-index

#	Paper	IF	Citations
95	Homocysteine and homocysteine-related compounds: an overview of the roles in the pathology of the cardiovascular and nervous systems. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018 , 96, 991-1003	2.4	41
94	The effects of N-acetylcysteine on cisplatin-induced changes of cardiodynamic parameters within coronary autoregulation range in isolated rat hearts. <i>Toxicology Letters</i> , 2016 , 242, 34-46	4.4	20
93	Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. <i>Biomolecules</i> , 2020 , 10,	5.9	18
92	Standardized Extract as Novel Supplement against Metabolic Syndrome: A Rat Model. <i>International Journal of Molecular Sciences</i> , 2018 , 20,	6.3	17
91	Redox status in acute ischemic stroke: correlation with clinical outcome. <i>Molecular and Cellular Biochemistry</i> , 2015 , 406, 75-81	4.2	15
90	Effects of DL-homocysteine thiolactone on cardiac contractility, coronary flow, and oxidative stress markers in the isolated rat heart: the role of different gasotransmitters. <i>BioMed Research International</i> , 2013 , 2013, 318471	3	15
89	Platinum Complexes-Induced Cardiotoxicity of Isolated, Perfused Rat Heart: Comparison of Pt(II) and Pt(IV) Analogues Versus Cisplatin. <i>Cardiovascular Toxicology</i> , 2015 , 15, 261-8	3.4	14
88	The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. <i>Molecular and Cellular Biochemistry</i> , 2019 , 460, 151-164	4.2	14
87	Protective Effects of Extract against Cardiac Ischemia/Reperfusion Injury in Spontaneously Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 4235405	6.7	11
86	The effects of the modulation of NMDA receptors by homocysteine thiolactone and dizocilpine on cardiodynamics and oxidative stress in isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , 2015 , 401, 97-105	4.2	11
85	Effects of ischemia and omeprazole preconditioning on functional recovery of isolated rat heart. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2015 , 30, 266-75	1.1	11
84	Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
83	Interleukin-6 as possible early marker of stress response after femoral fracture. <i>Molecular and Cellular Biochemistry</i> , 2017 , 430, 191-199	4.2	10
82	Effects of atorvastatin and simvastatin on oxidative stress in diet-induced hyperhomocysteinemia in Wistar albino rats: a comparative study. <i>Molecular and Cellular Biochemistry</i> , 2018 , 437, 109-118	4.2	10
81	Modulation of N-methyl-d-aspartate receptors in isolated rat heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 1327-1334	2.4	8
80	Cisplatin and cisplatin analogues perfusion through isolated rat heart: the effects of acute application on oxidative stress biomarkers. <i>Molecular and Cellular Biochemistry</i> , 2018 , 439, 19-33	4.2	8
79	The effects of chronic administration of nandrolone decanoate on redox status in exercised rats. <i>Molecular and Cellular Biochemistry</i> , 2016 , 411, 95-105	4.2	7

78	Vitamin B complex mitigates cardiac dysfunction in high-methionine diet-induced hyperhomocysteinemia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 683-693	3	6
77	The Effects of Potassium Cyanide on the Functional Recovery of Isolated Rat Hearts after Ischemia and Reperfusion: The Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 5979721	6.7	6
76	The effects of -acetylcysteine on cisplatin-induced cardiotoxicity on isolated rat hearts after short-term global ischemia. <i>Toxicology Reports</i> , 2015 , 2, 996-1006	4.8	6
75	The Beneficial Effects of Sulfur-containing Amino Acids on Cisplatininduced Cardiotoxicity and Neurotoxicity in Rodents. <i>Current Medicinal Chemistry</i> , 2018 , 25, 391-403	4.3	6
74	The Effects of Thiamine Hydrochloride on Cardiac Function, Redox Status and Morphometric Alterations in Doxorubicin-Treated Rats. <i>Cardiovascular Toxicology</i> , 2020 , 20, 111-120	3.4	6
73	Biphasic response of cardiodynamic adaptations to swimming exercise in rats. <i>General Physiology and Biophysics</i> , 2015 , 34, 301-10	2.1	5
72	Overtraining does not induce oxidative stress and inflammation in blood and heart of rats. <i>Physiological Research</i> , 2016 , 65, 81-90	2.1	5
71	Comparison of training and detraining on redox state of rats: gender specific differences. <i>General Physiology and Biophysics</i> , 2018 , 37, 285-297	2.1	5
70	The effects of glycine, glutamate and their combination on cardiodynamics, coronary flow and oxidative stress in isolated rat hearts. <i>Current Research Cardiology</i> , 2015 , 2,		5
69	L. as a Nutritional Strategy for Cardioprotection. <i>Frontiers in Physiology</i> , 2021 , 12, 661778	4.6	5
68	Cardioprotective effects of L. extract against myocardial ischemia-reperfusion injury. <i>Archives of Physiology and Biochemistry</i> , 2020 , 126, 408-415	2.2	5
67	The influence of folic acid-induced acute kidney injury on cardiac function and redox status in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 99-109	3.4	5
66	Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 207-217	2.4	5
65	Chronic effects of platinum(IV) complex and its diamine ligand on rat heart function: comparison with cisplatin. <i>Molecular and Cellular Biochemistry</i> , 2019 , 458, 89-98	4.2	4
64	Comparative effects of calcium and potassium channel modulators on ischemia/reperfusion injury in the isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , 2019 , 450, 175-185	4.2	4
63	The effects of verapamil and its combinations with glutamate and glycine on cardiodynamics, coronary flow and oxidative stress in isolated rat heart. <i>Journal of Physiology and Biochemistry</i> , 2017 , 73, 141-153	5	4
62	The effects of zofenopril on cardiac function and pro-oxidative parameters in the streptozotocin-induced diabetic rat heart. <i>Molecular and Cellular Biochemistry</i> , 2017 , 426, 183-193	4.2	4
61	Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. <i>Undersea and Hyperbaric Medicine</i> , 2018 , 45, 9-17	0.9	4

60	Dipeptidyl peptidase-4 inhibitors as new tools for cardioprotection. <i>Heart Failure Reviews</i> , 2021 , 26, 437-450	4.50	4
59	Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. <i>Undersea and Hyperbaric Medicine</i> , 2018 , 45, 9-17	0.9	4
58	Inhibition of gasotransmitters production and calcium influx affect cardiodynamic variables and cardiac oxidative stress in propofol-anesthetized male Wistar rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 850-856	2.4	3
57	Comparison of short-term and medium-term swimming training on cardiodynamics and coronary flow in high salt-induced hypertensive and normotensive rats. <i>Molecular and Cellular Biochemistry</i> , 2018 , 447, 33-45	4.2	3
56	Acute effects of nandrolone decanoate on cardiodynamic parameters in isolated rat heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 1048-1057	2.4	3
55	Efficiency of atorvastatin and simvastatin in improving cardiac function during the different degrees of hyperhomocysteinemia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018 , 96, 1040-1049	2.4	3
54	Nandrolone decanoate and physical activity affect quadriceps in peripubertal rats. <i>Acta Histochemica</i> , 2018 , 120, 429-437	2	3
53	Effects of different dietary regimes alone or in combination with standardized Aronia melanocarpa extract supplementation on lipid and fatty acids profiles in rats. <i>Molecular and Cellular Biochemistry</i> , 2019 , 461, 141-150	4.2	3
52	The influence of vitamin e coated dialysis membrane on oxidative stress during the single session of on-line hemodiafiltration. <i>Vojnosanitetski Pregled</i> , 2019 , 97-97	0.1	3
51	Fundamental Basis of COVID-19 Pathogenesis. <i>Serbian Journal of Experimental and Clinical Research</i> , 2020 , 21, 93-111	0.3	3
50	Galectin-3 in T cell-mediated immunopathology and autoimmunity. <i>Immunology Letters</i> , 2021 , 233, 57-67	4.1	3
49	The Effects of High Doses of Nandrolone Decanoate on Cardiac Muscle Tissue. <i>Serbian Journal of Experimental and Clinical Research</i> , 2016 , 17, 303-308	0.3	3
48	Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemia-reperfusion injury in rats with diabetes mellitus type 2. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 575-584	3	3
47	Effects of High Intensity Interval vs. Endurance Training on Cardiac Parameters in Ischemia/Reperfusion of Male Rats: Focus on Oxidative Stress. <i>Frontiers in Physiology</i> , 2021 , 12, 534127	4.6	3
46	Cardiovascular Properties of the Androgen-Induced PCOS Model in Rats: The Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8862878	6.7	3
45	Psoriasis between Autoimmunity and Oxidative Stress: Changes Induced by Different Therapeutic Approaches.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 2249834	6.7	3
44	Immunohistomorphometric and Hormonal Analysis of the Pituitary Gonadotropic Cells After Application of the Nandrolone Decanoate and Swimming Training in Adult Male Rats. <i>Microscopy and Microanalysis</i> , 2020 , 26, 699-707	0.5	2
43	The acute effects of different spironolactone doses on cardiac function in streptozotocin-induced diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 1343-1350	2.4	2

42	Is 3 Weeks of Exercise Enough to Change Blood Pressure and Cardiac Redox State in Hypertensive Rats?. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 319-326	0.3	2
41	The effects of cyclooxygenase and nitric oxide synthase inhibition on cardiodynamic parameters and coronary flow in isolated rat hearts. <i>Experimental and Clinical Cardiology</i> , 2013 , 18, e102-10		2
40	Acute effects of nandrolone decanoate on oxidative stress in isolated rat heart. <i>Archives of Biological Sciences</i> , 2015 , 67, 331-337	0.7	2
39	Ten Marathons in Ten Days: Effects on Biochemical Parameters and Redox Balance [Case Report]. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 361-366	0.3	2
38	The role of hydrogen sulfide in homocysteine-induced cardiodynamic effects and oxidative stress markers in the isolated rat heart. <i>Physiology International</i> , 2016 , 103, 428-438	1.5	2
37	The perfusion of cisplatin and cisplatin structural analogues through the isolated rat heart: The effects on coronary flow and cardiodynamic parameters. <i>General Physiology and Biophysics</i> , 2018 , 37, 515-525	2.1	2
36	The impact of high-intensity interval training and moderate-intensity continuous training regimes on cardiodynamic parameters in isolated heart of normotensive and hypertensive rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 631-637	2.4	1
35	High-protein diet and omega-3 fatty acids improve redox status in olanzapine-treated rats. <i>Molecular and Cellular Biochemistry</i> , 2020 , 468, 143-152	4.2	1
34	The Effects of Cisplatin and Its PT(II) Analogue on Oxidative Stress of Isolated Rat Heart/ Efekti Cisplatin i PT(II) Analoga Cisplatin Na Oksidacioni Stres Izolovanog Srca Pacova. <i>Serbian Journal of Experimental and Clinical Research</i> , 2016 , 17, 15-20	0.3	1
33	The Effects of Diclofenac and Ibuprofen on Heart Function and Oxidative Stress Markers in the Isolated Rat Heart. <i>Serbian Journal of Experimental and Clinical Research</i> , 2014 , 15, 11-19	0.3	1
32	The effects of cyclooxygenase and nitric oxide synthase inhibition on oxidative stress in isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , 2013 , 381, 301-11	4.2	1
31	Redox Status in Patients with Femoral Neck Fractures. <i>Serbian Journal of Experimental and Clinical Research</i> , 2016 , 17, 199-206	0.3	1
30	The Effects of Chronic Administration of Cisplatin on Oxidative Stress in the Isolated Rat Heart. <i>Serbian Journal of Experimental and Clinical Research</i> , 2018 , 19, 11-16	0.3	1
29	Atherogenic Impact of Homocysteine: Can HMG-CoA Reductase Inhibitors Additionally Influence Hyperhomocysteinaemia?. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 37-46	0.3	1
28	Transgenic Overexpression of Galectin-3 in Pancreatic β Cells Attenuates Hyperglycemia in Mice: Synergistic Antidiabetic Effect With Exogenous IL-33. <i>Frontiers in Pharmacology</i> , 2021 , 12, 714683	5.6	1
27	Relation Between Oxidative Stress and Carotid Artery Atherosclerosis in Hemodialysis Patients. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 ,	0.3	1
26	Possible Role of N-Methyl-D-Aspartate Receptors in Physiology and Pathophysiology of Cardiovascular System. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 3-13	0.3	1
25	The Effects of Valsartan on Cardiac Function and Pro-Oxidative Parameters in the Streptozotocin-Induced Diabetic Rat Heart. <i>Serbian Journal of Experimental and Clinical Research</i> , 2020 , 21, 247-256	0.3	1

24	The Platinum(II) Complexes Induced Oxidative Stress of Isolated Rat Heart. <i>Serbian Journal of Experimental and Clinical Research</i> , 2017 , 18, 111-117	0.3	1
23	The influences of chokeberry extract supplementation on redox status and body composition in handball players during competition phase. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021 , 99, 42-47	2.4	1
22	THE EFFECTS OF POTASSIUM-CYANIDE ON FUNCTIONAL RECOVERY OF ISOLATED RAT HEART AFTER ISCHEMIA AND REPERFUSION: ROLE OF OXIDATIVE STRESS. <i>Pathophysiology</i> , 2018 , 25, 177	1.8	1
21	Standardized Aronia melanocarpa extract regulates redox status in patients receiving hemodialysis with anemia. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 4167-4175	4.2	1
20	Protective Role of Vitamin B in Doxorubicin-Induced Cardiotoxicity in Rats: Focus on Hemodynamic, Redox, and Apoptotic Markers in Heart. <i>Frontiers in Physiology</i> , 2021 , 12, 690619	4.6	1
19	Flaxseed and evening primrose oil slightly affect systolic and diastolic function of isolated heart in male but not in female rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2021 , 91, 99-107	1.7	1
18	Quantum nature of consciousness - Double slit diffraction experiment in medicine. <i>Medical Hypotheses</i> , 2019 , 133, 109382	3.8	0
17	Hydroxymethylglutaryl Coenzyme a Reductase Inhibitors Differentially Modulate Plasma Fatty Acids in Rats With Diet-Induced-Hyperhomocysteinemia: Is EB Fatty Acids Supplementation Necessary?. <i>Frontiers in Physiology</i> , 2019 , 10, 892	4.6	0
16	Minocycline as heart conditioning agent in experimental type 2 diabetes mellitus - an antibacterial drug in heart protection.. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2022 , 395, 429	3.4	0
15	The Effects of N-Methyl-D-Aspartate Receptor Blockade on Oxidative Status in Heart During Conditioning Maneuvers. <i>Serbian Journal of Experimental and Clinical Research</i> , 2019 , 20, 343-349	0.3	0
14	The impact of nine weeks swimming exercise on heart function in hypertensive and normotensive rats: role of cardiac oxidative stress. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019 , 59, 2075-2083	1.4	0
13	Morphometric analysis and redox state of the testicles in nandrolone decanoate and swimming treated adult male rats. <i>Basic and Clinical Andrology</i> , 2021 , 31, 17	2.8	0
12	Melissa officinalis L. Supplementation Provides Cardioprotection in a Rat Model of Experimental Autoimmune Myocarditis.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1344946	6.7	0
11	The Influence of Different Types of Physical Activity on The Redox Status of Scuba Divers. <i>Serbian Journal of Experimental and Clinical Research</i> , 2017 , 18, 19-26	0.3	
10	The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. <i>Molecular and Cellular Biochemistry</i> , 2020 , 472, 135-144	4.2	
9	Be Impact Of Positive Acceleration (+Gz) on Antioxidant Capacity and Histopathological Alterations in Different Organs and Tissues in Rats. <i>Serbian Journal of Experimental and Clinical Research</i> , 2017 , 18, 203-212	0.3	
8	The Effects Of L-Arginine And L-Name On Coronary Flow And Oxidative Stress In Isolated Rat Hearts. <i>Serbian Journal of Experimental and Clinical Research</i> , 2015 , 16, 297-304	0.3	
7	Markers of Oxidative Stress in Adolescents with Skeletal Class II Division 1 Malocclusion. <i>Iranian Journal of Public Health</i> , 2018 , 47, 1963-1964	0.7	

- 6 Effects of Ischemic and Proton Pump Inhibitors Preconditioning on Oxidative Stress of Isolated Rat Heart. *Serbian Journal of Experimental and Clinical Research*, **2018**, 19, 131-139 0.3
- 5 Focal Myocarditis in Professional Female Athlete: A Case Report. *Serbian Journal of Experimental and Clinical Research*, **2018**, 19, 281-285 0.3
- 4 Effects of Provinols on Cardiodynamics and Coronary Flow in Isolated Rat Hearts. *Serbian Journal of Experimental and Clinical Research*, **2016**, 17, 99-106 0.3
- 3 The effects of acute and chronic Red Bull® consumption on cardiodynamics and oxidative stress in coronary effluent of trained rats. *Vojnosanitetski Pregled*, **2021**, 78, 47-55 0.1
- 2 CARDIOPROTECTIVE EFFECTS OF DIALLYL TRISULFIDE IN A RAT MODEL OF TYPE-1 DIABETES MELLITUS. *Pathophysiology*, **2018**, 25, 217 1.8
- 1 Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. *Undersea and Hyperbaric Medicine*, **2019**, 46, 483-494 0.9