

Ivan M Srejovic

List of Publications by Year in descending order

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116
papers

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citations

758635

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118
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118
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	70
2	Standardized Aronia melanocarpa Extract as Novel Supplement against Metabolic Syndrome: A Rat Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6.	1.8	40
3	Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. <i>Biomolecules</i> , 2020, 10, 798.	1.8	33
4	Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9100.	1.8	30
5	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.	0.4	28
6	Psoriasis between Autoimmunity and Oxidative Stress: Changes Induced by Different Therapeutic Approaches. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-17.	1.9	25
7	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.	1.4	23
8	Protective Effects of Galium verum L. Extract against Cardiac Ischemia/Reperfusion Injury in Spontaneously Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	22
9	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, 1-9.	0.9	19
10	Redox status in acute ischemic stroke: correlation with clinical outcome. <i>Molecular and Cellular Biochemistry</i> , 2015, 406, 75-81.	1.4	18
11	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, 261-268.	1.1	14
12	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.	1.4	13
13	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.	1.4	13
14	Cardiovascular Properties of the Androgen-Induced PCOS Model in Rats: The Role of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	13
15	Effects of ischemia and omeprazole preconditioning on functional recovery of isolated rat heart. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2015, 30, 266-75.	0.2	13
16	Interleukin-6 as possible early marker of stress response after femoral fracture. <i>Molecular and Cellular Biochemistry</i> , 2017, 430, 191-199.	1.4	12
17	Vitamin B complex mitigates cardiac dysfunction in high-methionine diet-induced hyperhomocysteinemia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 683-693.	0.9	12
18	Melissa officinalis L. as a Nutritional Strategy for Cardioprotection. <i>Frontiers in Physiology</i> , 2021, 12, 661778.	1.3	12

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19	The effects of N -acetylcysteine on cisplatin-induced cardiotoxicity on isolated rat hearts after short-term global ischemia. <i>Toxicology Reports</i> , 2015, 2, 996-1006.	1.6	11
20	The effects of chronic administration of nandrolone decanoate on redox status in exercised rats. <i>Molecular and Cellular Biochemistry</i> , 2016, 411, 95-105.	1.4	10
21	Modulation of N-methyl-D-aspartate receptors in isolated rat heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1327-1334.	0.7	10
22	Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 408-415.	1.0	10
23	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.	1.1	10
24	The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioningâ€”Effects on Heart Function and Oxidative Stress. <i>Biomolecules</i> , 2020, 10, 1065.	1.8	10
25	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.	1.4	9
26	Galectin-3 in T cell-mediated immunopathology and autoimmunity. <i>Immunology Letters</i> , 2021, 233, 57-67.	1.1	9
27	The Beneficial Effects of Sulfur-containing Amino Acids on Cisplatin-induced Cardiotoxicity and Neurotoxicity in Rodents. <i>Current Medicinal Chemistry</i> , 2018, 25, 391-403.	1.2	9
28	Overtraining Does Not Induce Oxidative Stress and Inflammation in Blood and Heart of Rats. <i>Physiological Research</i> , 2016, 65, 81-90.	0.4	9
29	Comparison of training and detraining on redox state of rats: gender specific differences. <i>General Physiology and Biophysics</i> , 2018, 37, 285-297.	0.4	9
30	Melissa officinalis L. Supplementation Provides Cardioprotection in a Rat Model of Experimental Autoimmune Myocarditis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	9
31	Nandrolone decanoate and physical activity affect quadriceps in peripubertal rats. <i>Acta Histochemica</i> , 2018, 120, 429-437.	0.9	8
32	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.	1.4	8
33	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.	1.4	8
34	Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemiaâ€”reperfusion injury in rats with diabetes mellitus type 2. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 575-584.	0.9	8
35	Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. <i>Undersea and Hyperbaric Medicine</i> , 2018, 45, 9-17.	0.1	8
36	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, 1-10.	1.9	7

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37	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.	1.3	7
38	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.	1.3	6
39	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.	0.4	6
40	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.	0.7	6
41	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.	0.7	6
42	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.	0.7	6
43	Protective Role of Vitamin B1 in Doxorubicin-Induced Cardiotoxicity in Rats: Focus on Hemodynamic, Redox, and Apoptotic Markers in Heart. <i>Frontiers in Physiology</i> , 2021, 12, 690619.	1.3	6
44	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, .	0.1	6
45	Biphasic response of cardiodynamic adaptations to swimming exercise in rats. <i>General Physiology and Biophysics</i> , 2015, 34, 301-310.	0.4	5
46	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.	0.2	5
47	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.	1.4	5
48	Dipeptidyl peptidase-4 inhibitors as new tools for cardioprotection. <i>Heart Failure Reviews</i> , 2021, 26, 437-450.	1.7	5
49	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.	0.8	5
50	Standardized Aronia melanocarpa extract regulates redox status in patients receiving hemodialysis with anemia. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4167-4175.	1.4	5
51	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, 429-444.	1.4	5
52	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.	0.8	4
53	Acute effects of nandrolone decanoate on cardiodynamic parameters in isolated rat heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1048-1057.	0.7	4
54	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.	1.4	4

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55	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.	1.4	4
56	Hydroxymethylglutaryl Coenzyme a Reductase Inhibitors Differentially Modulate Plasma Fatty Acids in Rats With Diet-Induced-Hyperhomocysteinemia: Is 1%-3 Fatty Acids Supplementation Necessary?. <i>Frontiers in Physiology</i> , 2019, 10, 892.	1.3	4
57	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.	1.4	4
58	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.	0.7	4
59	Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. <i>Undersea and Hyperbaric Medicine</i> , 2018, 45, 9-17.	0.1	4
60	The effects of cyclooxygenase and nitric oxide synthase inhibition on oxidative stress in isolated rat heart. <i>Molecular and Cellular Biochemistry</i> , 2013, 381, 301-311.	1.4	3
61	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.	0.7	3
62	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.	0.7	3
63	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.	0.2	3
64	Acute effects of nandrolone decanoate on oxidative stress in isolated rat heart. <i>Archives of Biological Sciences</i> , 2015, 67, 331-337.	0.2	3
65	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
66	The Platinum(II) Complexes Induced Oxidative Stress of Isolated Rat Heart. <i>Serbian Journal of Experimental and Clinical Research</i> , 2017, 18, 111-117.	0.2	3
67	Fundamental Basis of COVID-19 Pathogenesis. <i>Serbian Journal of Experimental and Clinical Research</i> , 2020, 21, 93-111.	0.2	3
68	Short-Term Administration of Lemon Balm Extract Ameliorates Myocardial Ischemia/Reperfusion Injury: Focus on Oxidative Stress. <i>Pharmaceuticals</i> , 2022, 15, 840.	1.7	3
69	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.	0.2	2
70	Quantum nature of consciousness â€“ Double slit diffraction experiment in medicine. <i>Medical Hypotheses</i> , 2019, 133, 109382.	0.8	2
71	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.	1.4	2
72	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.	0.6	2

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73	Is 3 Weeks of Exercise Enough to Change Blood Pressure and Cardiac Redox State in Hypertensive Rats?. Serbian Journal of Experimental and Clinical Research, 2019, 20, 319-326.	0.2	2
74	The Effects of N-Methyl-D-Aspartate Receptor Blockade on Oxidative Status in Heart During Conditioning Maneuvers. Serbian Journal of Experimental and Clinical Research, 2019, 20, 343-349.	0.2	2
75	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.	0.2	2
76	Ten Marathons in Ten Days: Effects on Biochemical Parameters and Redox Balance – Case Report. Serbian Journal of Experimental and Clinical Research, 2019, 20, 361-366.	0.2	2
77	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.	0.4	2
78	Transgenic Overexpression of Galectin-3 in Pancreatic β Cells Attenuates Hyperglycemia in Mice: Synergistic Antidiabetic Effect With Exogenous IL-33. Frontiers in Pharmacology, 2021, 12, 714683.	1.6	2
79	The effects of cyclooxygenase and nitric oxide synthase inhibition on cardiodynamic parameters and coronary flow in isolated rat hearts. Experimental and Clinical Cardiology, 2013, 18, e102-10.	1.3	2
80	The Effects of Diclofenac and Ibuprofen on Heart Function and Oxidative Stress Markers in the Isolated Rat Heart. Serbian Journal of Experimental and Clinical Research, 2014, 15, 11-19.	0.2	1
81	Time dependent effects of hbot on redox status in diabetic patients. Atherosclerosis, 2017, 263, e276.	0.4	1
82	THE EFFECTS OF POTASSIUM-CYANIDE ON FUNCTIONAL RECOVERY OF ISOLATED RAT HEART AFTER ISCHEMIA AND REPERFUSION: ROLE OF OXIDATIVE STRESS. Pathophysiology, 2018, 25, 177.	1.0	1
83	High-protein diet and omega-3 fatty acids improve redox status in olanzapine-treated rats. Molecular and Cellular Biochemistry, 2020, 468, 143-152.	1.4	1
84	Redox Status in Patients with Femoral Neck Fractures. Serbian Journal of Experimental and Clinical Research, 2016, 17, 199-206.	0.2	1
85	The Effects of Chronic Administration of Cisplatin on Oxidative Stress in the Isolated Rat Heart. Serbian Journal of Experimental and Clinical Research, 2018, 19, 11-16.	0.2	1
86	Atherogenic Impact of Homocysteine: Can <i>HMG-CoA</i> Reductase Inhibitors Additionally Influence Hyperhomocysteinaemia?. Serbian Journal of Experimental and Clinical Research, 2019, 20, 37-46.	0.2	1
87	Differences between $\hat{1}\pm$ -linolenic and linoleic acid supplementation on the redox status and cardiodynamic parameters of male and female Wistar albino rats. Archives of Biological Sciences, 2018, 70, 223-231.	0.2	1
88	Relation Between Oxidative Stress and Carotid Artery Atherosclerosis in Hemodialysis Patients. Serbian Journal of Experimental and Clinical Research, 2022, 23, 251-260.	0.2	1
89	Periodontal disease related to oxidative stress. Serbian Journal of Experimental and Clinical Research, 2013, 14, 49-53.	0.2	1
90	The Effects of Valsartan on Cardiac Function and Pro-Oxidative Parameters in the Streptozotocin-Induced Diabetic Rat Heart. Serbian Journal of Experimental and Clinical Research, 2020, 21, 247-256.	0.2	1

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91	The Effects Of L-Arginine And L-Name On Coronary Flow And Oxidative Stress In Isolated Rat Hearts. Serbian Journal of Experimental and Clinical Research, 2015, 16, 297-304.	0.2	0
92	Effects of Provinols on Cardiodynamics and Coronary Flow in Isolated Rat Hearts. Serbian Journal of Experimental and Clinical Research, 2016, 17, 99-106.	0.2	0
93	The Influence of Different Types of Physical Activity on The Redox Status of Scuba Divers. Serbian Journal of Experimental and Clinical Research, 2017, 18, 19-26.	0.2	0
94	The Effects of Chronic Administration of Cisplatin on Oxidative Stress in the Isolated Rat Heart. Serbian Journal of Experimental and Clinical Research, 2017, .	0.2	0
95	The Impact Of Positive Acceleration (+Gz) on Antioxidant Capacity and Histopathological Alterations in Different Organs and Tissues in Rats. Serbian Journal of Experimental and Clinical Research, 2017, 18, 203-212.	0.2	0
96	The acute effects of different spironolactone doses on cardiac function in streptozotocine-induced diabetic rats. Atherosclerosis, 2017, 263, e268-e270.	0.4	0
97	The effects of MK-801 and its combinations with glutamate and glycine on cardiodynamics and coronary flow in isolated rat heart. Atherosclerosis, 2017, 263, e137.	0.4	0
98	Impact of atorvastatin and simvastatin on lipid and non-lipid biochemical risk factors in diet-induced hyperhomocysteinemia in wistar albino rats: A comparative study. Atherosclerosis, 2017, 263, e136.	0.4	0
99	CARDIOPROTECTIVE EFFECTS OF DIALLYL TRISULFIDE IN A RAT MODEL OF TYPE-1 DIABETES MELLITUS. Pathophysiology, 2018, 25, 217.	1.0	0
100	Vitamin B complex mitigates cardiac dysfunction in high-methionine diet-induced hyperhomocysteinemia. Atherosclerosis, 2018, 275, e136.	0.4	0
101	Acute effects of sulfur amino acids on redox status in dl-homocysteine-treated rats. Atherosclerosis, 2018, 275, e136.	0.4	0
102	Cardioprotective effects of combined therapy with hyperbaric oxygen on myocardial ischemia-reperfusion injury in rats. Atherosclerosis, 2018, 275, e142.	0.4	0
103	Antiarrhythmic Drugs in Atrial Fibrillation. , 0, , .		0
104	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	0
105	The Acute Effects of Different Spironolactone Doses on Oxidative Stress in Streptozotocin-Induced Diabetic Rats. Serbian Journal of Experimental and Clinical Research, 2021, .	0.2	0
106	Sharpness of vision of pilots in air force of Serbia after +Gz acceleration in human centrifuge. Serbian Journal of Experimental and Clinical Research, 2013, 14, 121-124.	0.2	0
107	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.	0.2	0
108	Focal Myocarditis in Professional Female Athlete: A Case Report. Serbian Journal of Experimental and Clinical Research, 2018, 19, 281-285.	0.2	0

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109	THE EFFECTS OF SULFUR-CONTAINING COMPOUNDS ON REDOX STATUS IN HOMOCYSTEINE-TREATED RATS. Acta Poloniae Pharmaceutica, 2019, 76, 147-157.	0.3	0
110	The Phosphodiesterase-5 Inhibitors and Prostate Cancer – What We Rely Know About It?. Serbian Journal of Experimental and Clinical Research, 2019, .	0.2	0
111	The Effects of Direct Red Bull Administration to Isolated Hearts of Trained and Untrained Rats Who Regularly Consumed or Did Not Consume Energy Drink: Focus on Cardiodynamics and Oxidative Stress. Serbian Journal of Experimental and Clinical Research, 2021, 22, 59-67.	0.2	0
112	Training/detraining-induced gender specific functional adaptations of isolated rat heart. Vojnosanitetski Pregled, 2021, 78, 1146-1154.	0.1	0
113	Markers of Oxidative Stress in Adolescents with Skeletal Class II Division 1 Malocclusion. Iranian Journal of Public Health, 2018, 47, 1963-1964.	0.3	0
114	Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. Undersea and Hyperbaric Medicine, 2019, 46, 483-494.	0.1	0
115	Swimming Attenuates Blood Pressure and Oxidative Stress in Hypertensive Rats. Serbian Journal of Experimental and Clinical Research, 2023, 24, 107-114.	0.2	0
116	Creatine phosphate administration in cardiac ischemia-reperfusion injury in rats: focus on differences between preconditioning, perconditioning and postconditioning protocol. Canadian Journal of Physiology and Pharmacology, 0, , .	0.7	0