List of Publications by Year in descending order

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Mihkel 711 Med

#	Article	IF	CITATIONS
1	The Expanded Endocannabinoid System Contributes to Metabolic and Body Mass Shifts in First-Episode Schizophrenia: A 5-Year Follow-Up Study. Biomedicines, 2022, 10, 243.	3.2	7
2	Lipopolysaccharide-Induced Strain-Specific Differences in Neuroinflammation and MHC-I Pathway Regulation in the Brains of Bl6 and 129Sv Mice. Cells, 2022, 11, 1032.	4.1	4
3	Markers of Inflammation, Oxidative Stress, and Fibrosis in Patients with Atrial Fibrillation. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-9.	4.0	17
4	Effect of Half-Marathon Running on Arterial Stiffness and Blood Biomarkers in High-Level and Recreational Male Athletes. Journal of Sports Science and Medicine, 2021, 20, 548-556.	1.6	2
5	Metabolomic Profile of Abdominal Aortic Aneurysm. Metabolites, 2021, 11, 555.	2.9	7
6	The Role of RIPC in Preventing Organ Damage, Inflammation, and Oxidative Stress during Lower Limb DSA: A Randomised Controlled Trial. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	4.0	5
7	Profiling of lipidomics before and after antipsychotic treatment in first-episode psychosis. European Archives of Psychiatry and Clinical Neuroscience, 2020, 270, 59-70.	3.2	29
8	Remote Ischaemic Preconditioning Attenuates Cardiac Biomarkers During Vascular Surgery: A Randomised Clinical Trial. European Journal of Vascular and Endovascular Surgery, 2020, 59, 301-308.	1.5	9
9	Remote ischaemic preconditioning influences the levels of acylcarnitines in vascular surgery: a randomised clinical trial. Nutrition and Metabolism, 2020, 17, 76.	3.0	3
10	Metabolomic Signature of Amino Acids, Biogenic Amines and Lipids in Blood Serum of Patients with Severe Osteoarthritis. Metabolites, 2020, 10, 323.	2.9	21
11	Metabolomics approach revealed robust changes in amino acid and biogenic amine signatures in patients with schizophrenia in the early course of the disease. Scientific Reports, 2020, 10, 13983.	3.3	36
12	Atenolol's Inferior Ability to Reduce Central vs Peripheral Blood Pressure Can Be Explained by the Combination of Its Heart Rate-Dependent and Heart Rate-Independent Effects. International Journal of Hypertension, 2020, 2020, 1-8.	1.3	2
13	Hyperproliferation is the main driver of metabolomic changes in psoriasis lesional skin. Scientific Reports, 2020, 10, 3081.	3.3	38
14	Remote Ischaemic Preconditioning Reduces Kidney Injury Biomarkers in Patients Undergoing Open Surgical Lower Limb Revascularisation: A Randomised Trial. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-8.	4.0	8
15	Treatment With Lipopolysaccharide Induces Distinct Changes in Metabolite Profile and Body Weight in 129Sv and Bl6 Mouse Strains. Frontiers in Pharmacology, 2020, 11, 371.	3.5	12
16	The Effect of Remote Ischaemic Preconditioning on Arterial Stiffness in Patients Undergoing Vascular Surgery: A Randomised Clinical Trial. European Journal of Vascular and Endovascular Surgery, 2019, 57, 868-875.	1.5	15
17	Effects of Remote Ischaemic Preconditioning on Arterial Stiffness in Patients Undergoing Lower Limb Angiographic Procedures: A Randomised Clinical Trial. European Journal of Vascular and Endovascular Surgery, 2019, 58, 875-882.	1.5	8
18	Oxidative Stress Parameters and Its Associations With Arterial Stiffness in Competitive Powerlifting Athletes After 12-Week Supervised Strength Training. Journal of Strength and Conditioning Research, 2019, 33, 1816-1822.	2.1	11

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19	Antipsychotic treatment is associated with inflammatory and metabolic biomarkers alterations among firstâ€episode psychosis patients: A 7â€month followâ€up study. Microbial Biotechnology, 2019, 13, 101-109.	1.7	52
20	Metabolic profile associated with distinct behavioral coping strategies of 129Sv and Bl6 mice in repeated motility test. Scientific Reports, 2018, 8, 3405.	3.3	11
21	Heart rate reduction decreases central blood pressure in sick sinus syndrome patients with a permanent cardiac pacemaker. Journal of Human Hypertension, 2018, 32, 377-384.	2.2	3
22	Medium―and longâ€chain acylcarnitines are associated with osteoarthritis severity and arterial stiffness in endâ€stage osteoarthritis patients: a caseâ€control study. International Journal of Rheumatic Diseases, 2018, 21, 1211-1218.	1.9	21
23	Profiling of Amino Acids and Their Derivatives Biogenic Amines Before and After Antipsychotic Treatment in First-Episode Psychosis. Frontiers in Psychiatry, 2018, 9, 155.	2.6	42
24	Repeated Administration of D-Amphetamine Induces Distinct Alterations in Behavior and Metabolite Levels in 129Sv and Bl6 Mouse Strains. Frontiers in Neuroscience, 2018, 12, 399.	2.8	11
25	Fermented whey-based product improves the quality of life of males with moderate lower urinary tract symptoms: A randomized double-blind study. PLoS ONE, 2018, 13, e0191640.	2.5	2
26	Profiling of Acylcarnitines in First Episode Psychosis before and after Antipsychotic Treatment. Journal of Proteome Research, 2017, 16, 3558-3566.	3.7	43
27	Psoriasis and Cardiovascular Risk—Do Promising New Biomarkers Have Clinical Impact?. Mediators of Inflammation, 2017, 2017, 1-8.	3.0	13
28	Metabolic factors and oxidative stress in osteoarthritis: a case–control study. Scandinavian Journal of Clinical and Laboratory Investigation, 2017, 77, 520-526.	1.2	32
29	Severity of Osteoarthritis Is Associated with Increased Arterial Stiffness. International Journal of Rheumatology, 2016, 2016, 1-7.	1.6	17
30	Antipsychotic Treatment Reduces Indices of Oxidative Stress in First-Episode Psychosis Patients. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	4.0	36
31	Taurine and Epidermal Growth Factor Belong to the Signature of First-Episode Psychosis. Frontiers in Neuroscience, 2016, 10, 331.	2.8	18
32	Metabolomic profiles of lipid metabolism, arterial stiffness and hemodynamics in male coronary artery disease patients. IJC Metabolic & Endocrine, 2016, 11, 13-18.	0.5	15
33	The acute effects of passive heat exposure on arterial stiffness, oxidative stress, and inflammation. Medicina (Lithuania), 2016, 52, 211-216.	2.0	14
34	Increased arterial stiffness in patients with end-stage osteoarthritis: a case-control study. BMC Musculoskeletal Disorders, 2016, 17, 335.	1.9	8
35	Response to Aboyans, et al.: Estimation of pulse wave velocity in patients with peripheral artery disease: a word of caution. Hypertension Research, 2016, 39, 618-619.	2.7	0
36	DNA methylation patterns associated with oxidative stress in an ageing population. BMC Medical Genomics, 2016, 9, 72.	1.5	37

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37	The use of probiotic L. fermentum ME-3 containing Reg'Activ Cholesterol supplement for 4Âweeks has a positive influence on blood lipoprotein profiles and inflammatory cytokines: an open-label preliminary study. Nutrition Journal, 2016, 15, 93.	3.4	36
38	Increased carotid artery intima-media thickness and myeloperoxidase level in children with newly diagnosed juvenile idiopathic arthritis. Arthritis Research and Therapy, 2015, 17, 180.	3.5	25
39	Regulation of plasma lipid profile by lactobacillus fermentum (probiotic strain ME-3 DSM14241) in a randomised controlled trial of clinically healthy adults. BMC Nutrition, 2015, 1, .	1.6	10
40	Metabolomic signature of arterial stiffness in male patients with peripheral arterial disease. Hypertension Research, 2015, 38, 840-846.	2.7	36
41	Antipsychotic treatment reduces psychotic symptoms and markers of low-grade inflammation in first episode psychosis patients, but increases their body mass index. Schizophrenia Research, 2015, 169, 22-29.	2.0	63
42	Effects of Heat Acclimation on Changes in Oxidative Stress and Inflammation Caused by Endurance Capacity Test in the Heat. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-8.	4.0	23
43	Large-scale Metabolomic Profiling Identifies Novel Biomarkers for Incident Coronary Heart Disease. PLoS Genetics, 2014, 10, e1004801.	3.5	225
44	Angiotensin II receptor blocker telmisartan attenuates aortic stiffening and remodelling in STZ-diabetic rats. Diabetology and Metabolic Syndrome, 2014, 6, 57.	2.7	17
45	Proteomic proof that a probiotic elevates glutathione level in human serum. Open Life Sciences, 2014, 10, .	1.4	1
46	Serum methylglyoxal level and its association with oxidative stress and disease severity in patients with psoriasis. Archives of Dermatological Research, 2013, 305, 489-494.	1.9	27
47	Vitamin D reduces deposition of advanced glycation end-products in the aortic wall and systemic oxidative stress in diabetic rats. Diabetes Research and Clinical Practice, 2013, 100, 243-249.	2.8	71
48	Diverse Effects of Glutathione and UPF Peptides on Antioxidant Defense System in Human Erythroleukemia Cells K562. International Journal of Peptides, 2012, 2012, 1-5.	0.7	11
49	Mitochondrial oxidative stress index, activity of redox-sensitive aconitase and effects of endogenous anti- and pro-oxidants on its activity in control, Alzheimer's disease and Swedish Familial Alzheimer's disease brain. Free Radical Research, 2012, 46, 1490-1495.	3.3	19
50	Effect of vitamin D on aortic remodeling in streptozotocin-induced diabetes. Cardiovascular Diabetology, 2012, 11, 58.	6.8	52
51	Effects of 60 minutes of hyperoxia followed by normoxia before coronary artery bypass grafting on the inflammatory response profile and myocardial injury. Journal of Negative Results in BioMedicine, 2012, 11, 14.	1.4	8
52	Structural and biochemical characteristics of arterial stiffness in patients with atherosclerosis and in healthy subjects. Hypertension Research, 2012, 35, 1032-1037.	2.7	17
53	Nebivolol and metoprolol: long-term effects on inflammation and oxidative stress in essential hypertension. Scandinavian Journal of Clinical and Laboratory Investigation, 2012, 72, 427-432.	1.2	28
54	Association between asymmetric dimethylarginine and indices of vascular function in patients with essential hypertension. Blood Pressure, 2011, 20, 111-116.	1.5	17

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55	An antioxidant probiotic reduces postprandial lipemia and oxidative stress. Open Life Sciences, 2011, 6, 32-40.	1.4	12
56	Differential Effects of Nebivolol and Metoprolol on Central Aortic Pressure and Left Ventricular Wall Thickness. Hypertension, 2011, 57, 1122-1128.	2.7	135
57	β2-microglobulin, a novel biomarker of peripheral arterial disease, independently predicts aortic stiffness in these patients. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 257-263.	1.2	34
58	Plasma level of myeloperoxidase in children with juvenile idiopathic arthritis (a pilot study). Open Medicine (Poland), 2010, 5, 36-40.	1.3	3
59	Intestinal Lactobacillus sp. is associated with some cellular and metabolic characteristics of blood in elderly people. Anaerobe, 2010, 16, 240-246.	2.1	37
60	Immunological, antioxidative, and morphological response in combined treatment of ofloxacin and <i>Lactobacillus fermentum</i> MEâ€3 probiotic in <i>Salmonella</i> Typhimurium murine model. Apmis, 2010, 118, 864-872.	2.0	11
61	Association of Osteoprotegerin With Aortic Stiffness in Patients With Symptomatic Peripheral Artery Disease and in Healthy Subjects. American Journal of Hypertension, 2010, 23, 586-591.	2.0	34
62	Inflammatory/oxidative stress during the first week after different types of cardiac surgery. Scandinavian Cardiovascular Journal, 2010, 44, 119-124.	1.2	34
63	Off-Pump Coronary Surgery causes Immediate Release of Myocardial Damage Markers. Asian Cardiovascular and Thoracic Annals, 2009, 17, 494-499.	0.5	11
64	Lower bone mineral density in children with type 1 diabetes is associated with poor glycemic control and higher serum ICAM-1 and urinary isoprostane levels. Journal of Bone and Mineral Metabolism, 2009, 27, 598-604.	2.7	65
65	<i>Lactobacillus fermentum</i> ME-3 – an antimicrobial and antioxidative probiotic. Microbial Ecology in Health and Disease, 2009, 21, 1-27.	3.5	179
66	Arterial stiffness, carotid artery intima-media thickness and plasma myeloperoxidase level in children with type 1 diabetes. Diabetes Research and Clinical Practice, 2009, 84, 168-173.	2.8	85
67	Characterization of UPF peptides, members of the glutathione analogues library, on the basis of their effects on oxidative stress-related enzymes. Free Radical Research, 2009, 43, 572-580.	3.3	9
68	Elevated plasma adiponectin and decreased plasma homocysteine and asymmetric dimethylarginine in children with type 1 diabetes. Scandinavian Journal of Clinical and Laboratory Investigation, 2009, 69, 85-91.	1.2	42
69	Echogenecity of the carotid intima–media complex is related to cardiovascular risk factors, dyslipidemia, oxidative stress and inflammation. Atherosclerosis, 2009, 204, 612-618.	0.8	53
70	Brachial Artery Intima-Media Thickness and Echogenicity in Relation to Lipids and Markers of Oxidative Stress in Elderly Subjects:-The Prospective Investigation of the Vasculature in Uppsala Seniors (PIVUS) Study. Lipids, 2008, 43, 133-141.	1.7	32
71	Successful management of mild atopic dermatitis in adults with probiotics and emollients. Open Medicine (Poland), 2008, 3, 215-220.	1.3	8
72	Eradication of Salmonella Typhimurium infection in a murine model of typhoid fever with the combination of probiotic Lactobacillus fermentum ME-3 and ofloxacin. BMC Microbiology, 2008, 8, 132.	3.3	48

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73	Inflammation and oxidative stress are associated differently with endothelial function and arterial stiffness in healthy subjects and in patients with atherosclerosis. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 594-601.	1.2	43
74	Red blood cell and whole blood glutathione redox status in endurance-trained men following a ski marathon. Journal of Sports Science and Medicine, 2008, 7, 344-9.	1.6	9
75	Design, synthesis and properties of novel powerful antioxidants, glutathione analogues. Free Radical Research, 2007, 41, 779-787.	3.3	35
76	Augmentation index and carotid intima–media thickness are differently related to age, C-reactive protein and oxidized low-density lipoprotein. Journal of Hypertension, 2007, 25, 819-825.	0.5	38
77	Do Dietary Antioxidants Alleviate the Cost of Immune Activation? An Experiment with Greenfinches. American Naturalist, 2007, 170, 625-635.	2.1	113
78	Characterization of the antioxidant profile of human saliva in peri-implant health and disease. Clinical Oral Implants Research, 2007, 18, 27-33.	4.5	44
79	Antioxidative Effects of Plant Polyphenols: From Protection of G Protein Signaling to Prevention of Age-Related Pathologies. Annals of the New York Academy of Sciences, 2007, 1095, 449-457.	3.8	35
80	Effects of amlodipine and candesartan on oxidized LDL level in patients with mild to moderate essential hypertension. Blood Pressure, 2006, 15, 313-318.	1.5	7
81	Changes of plasma asymmetric dimethylarginine levels after coronary artery bypass grafting. Scandinavian Cardiovascular Journal, 2006, 40, 363-367.	1.2	9
82	Effects of stimulation of nitric oxide synthesis on large artery stiffness in patients with peripheral arterial disease. Atherosclerosis, 2006, 185, 368-374.	0.8	20
83	Impact of Oxidative Stress on Arterial Elasticity in Patients with Atherosclerosis. American Journal of Hypertension, 2006, 19, 902-908.	2.0	47
84	The relationship between inflammation and arterial stiffness in patients with essential hypertension. International Journal of Cardiology, 2006, 112, 46-51.	1.7	47
85	Very low levels of cholecystokinin octapeptide activate Naâ€pump in the cerebral cortex of CCK 2 receptorâ€deficient mice. International Journal of Developmental Neuroscience, 2006, 24, 395-400.	1.6	3
86	Antioxidant protection, carotenoids and the costs of immune challenge in greenfinches. Journal of Experimental Biology, 2006, 209, 4329-4338.	1.7	97
87	Evaluation of the functional efficacy of an antioxidative probiotic in healthy volunteers. Nutrition Journal, 2005, 4, 22.	3.4	122
88	The influence of antibacterial and antioxidative probiotic lactobacilli on gut mucosa in a mouse model ofSalmonellainfection. Microbial Ecology in Health and Disease, 2004, 16, 180-187.	3.5	28
89	Correlation of peri-implant health and myeloperoxidase levels: a cross-sectional clinical study. Clinical Oral Implants Research, 2004, 15, 546-552.	4.5	39
90	Allergic contact dermatitis is accompanied by severe abnormal changes in antioxidativity of blood. Biomedicine and Pharmacotherapy, 2004, 58, 260-263.	5.6	8

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91	High-sensitivity C-reactive protein affects central haemodynamics and augmentation index in apparently healthy persons. Journal of Hypertension, 2004, 22, 1133-1139.	0.5	58
92	Emollient cream and topical glucocorticoid treatment of chronic hand dermatitis: influence on oxidative stress status of the skin. Journal of Dermatological Science, 2003, 33, 127-129.	1.9	2
93	Amyloid precursor protein carboxy-terminal fragments modulate G-proteins and adenylate cyclase activity in Alzheimer's disease brain. Molecular Brain Research, 2003, 117, 73-82.	2.3	9
94	Protective effect of antioxidants on pulmonary endothelial function after cardiopulmonary bypass. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 314-320.	1.3	36
95	Physiological effects of immune challenge in captive greenfinches (Carduelis chloris). Canadian Journal of Zoology, 2003, 81, 371-379.	1.0	35
96	Antioxidative probiotic fermented goats' milk decreases oxidative stress-mediated atherogenicity in human subjects. British Journal of Nutrition, 2003, 90, 449-456.	2.3	249
97	Homocysteine and red blood cell glutathione as indices for middle-aged untreated essential hypertension patients. Journal of Hypertension, 2003, 21, 2329-2333.	0.5	31
98	Beneficial effects of water-based exercise in patients with chronic kidney disease. International Journal of Rehabilitation Research, 2003, 26, 153-156.	1.3	94
99	Beneficial effects of water-based exercise in patients with chronic kidney disease. International Journal of Rehabilitation Research, 2003, 26, 153-156.	1.3	79
100	Oxidative stress before and after exercise conditioning in patients following surgical revascularization of the myocardium. International Journal of Rehabilitation Research, 2002, 25, 305-312.	1.3	5
101	Regulation of the frontocortical sodium pump by Na+in Alzheimer's disease: difference from the age-matched control but similarity to the rat model. FEBS Letters, 2002, 531, 241-244.	2.8	16
102	Two antioxidative lactobacilli strains as promising probiotics. International Journal of Food Microbiology, 2002, 72, 215-224.	4.7	397
103	Acute immune response in respect to exercise-induced oxidative stress. Pathophysiology, 2001, 7, 263-270.	2.2	99
104	Pretreating rats with hyperoxia attenuates ischemia-reperfusion injury of the heart. Life Sciences, 2001, 68, 1629-1640.	4.3	61
105	The Swedish APP670/671 Alzheimer's Disease Mutation: The First Evidence for Strikingly Increased Oxidative Injury in the Temporal Inferior Cortex. Dementia and Geriatric Cognitive Disorders, 2001, 12, 364-370.	1.5	48
106	Patients with Allergic and Irritant Contact Dermatitis are Characterized by Striking Change of Iron and Oxidized Glutathione Status in Nonlesional Area of the Skin. Journal of Investigative Dermatology, 2001, 116, 886-890.	0.7	30
107	The cerebrocortical areas in normal brain aging and in Alzheimer's disease: noticeable differences in the lipid peroxidation level and in antioxidant defense. Neurochemical Research, 2001, 26, 353-361.	3.3	95
108	Physical Exercise Induces Activation of NF-κB in Human Peripheral Blood Lymphocytes. Antioxidants and Redox Signaling, 2001, 3, 1131-1137.	5.4	46

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109	Oxidative Stress and Endothelial Function in Chronic Renal Failure. Journal of the American Society of Nephrology: JASN, 2001, 12, 2747-2752.	6.1	225
110	Pretreatment with methylprednisolone protects the isolated rat heart against ischaemic and oxidative damage. Free Radical Research, 2000, 33, 31-43.	3.3	25
111	Effect of low-dose aspirin on the markers of oxidative stress. Cardiovascular Drugs and Therapy, 1999, 13, 485-490.	2.6	20
112	Regulation of GTPase and adenylate cyclase activity by amyloid β-peptide and its fragments in rat brain tissue. Brain Research, 1999, 850, 179-188.	2.2	23
113	Comparison of the antioxidant activity of melatonin and pinoline in vitro. Journal of Pineal Research, 1998, 24, 96-101.	7.4	74
114	Preconditioning with hydrogen peroxide (H2O2) or ischemia in H2O2-induced cardiac dysfunction. Free Radical Research, 1998, 29, 235-245.	3.3	36
115	The evidence of oxidative stress in cardiac surgery and septic patients: A comparative study. Clinica Chimica Acta, 1997, 262, 77-88.	1.1	29
116	A galanin-mastoparan chimeric peptide activates the Na+,K+-ATPase and reverses its inhibition by ouabain. Regulatory Peptides, 1996, 62, 47-52.	1.9	47
117	Time Course of Oxidative Stress During Open-Heart Surgery. Scandinavian Journal of Thoracic and Cardiovascular Surgery, 1995, 29, 181-186.	0.2	47
118	Differential regulation of adenylate cyclase activity in rat ventral and dorsal hippocampus by rat galanin. Neuroscience Letters, 1995, 187, 75-78.	2.1	26
119	Effects of Chimeric Galanin Receptor Ligands on Basal Adenylate Cyclase Activity in Rat Ventral Idppocampal Membranes. Protein and Peptide Letters, 1995, 2, 267-274.	0.9	3
120	Activation of Na,K-ATPase by an endogenous peptide, PEC-60. FEBS Letters, 1994, 345, 1-4.	2.8	14
121	<p>The effect of pre-seasonal strength training on central hemodynamics and cardiac function in elite powerlifting athletes</p> . Research Reports in Clinical Cardiology, 0, Volume 10, 33-41.	0.2	0