

Konstantina Dipla

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

1,916
citations

23
h-index

42
g-index

114
ext. papers

2,193
ext. citations

3.2
avg. IF

4.49
L-index

#	Paper	IF	Citations
90	Physical Activity and Exercise in Diabetes During Pregnancy 2022 , 231-253		
89	Brain oxygenation during multiple sets of isometric and dynamic resistance exercise of equivalent workloads: Association with systemic haemodynamics.. <i>Journal of Sports Sciences</i> , 2022 , 1-11	3.6	0
88	Nocturnal dipping profile in chronic kidney disease: Searching for underlying mechanisms in order to prevent adverse events. <i>Physiological Reports</i> , 2021 , 8, e14665	2.6	
87	Skin microvascular dysfunction in systemic lupus erythematosus patients with and without cardiovascular risk factors. <i>Rheumatology</i> , 2021 , 60, 2834-2841	3.9	6
86	Ranolazine depresses conduction of rapid atrial depolarizations in a beating rabbit heart model. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021 , 62, 153-159	2.4	
85	Effects of Ranolazine and its Combination with Amiodarone on Rapid Pacing-induced Reentrant Atrial Tachycardia in Rabbits. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2021 , 12, 4421-4427 ^{1.1}		
84	MASKED HYPERTENSIVES AS ASSESSED WITH LASER SPECKLE CONTRAST IMAGING EXHIBIT IMPAIRED SKIN MICROVASCULAR REACTIVITY SIMILAR TO ESSENTIAL HYPERTENSIVE INDIVIDUALS. <i>Journal of Hypertension</i> , 2021 , 39, e326-e327	1.9	0
83	Endothelial and microvascular function in CKD: Evaluation methods and associations with outcomes. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13557	4.6	0
82	Vascular endothelial damage in COPD: current functional assessment methods and future perspectives. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 1121-1133	3.8	1
81	POS0738 BLUNTED CEREBRAL OXYGENATION DURING EXERCISE IN NON-NEUROPSYCHIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 620-620	2.4	
80	The effect of muscle blood flow restriction on hemodynamics, cerebral oxygenation and activation at rest. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1216-1224	3	1
79	Effects of oxygen supplementation in autonomic nervous system function during exercise in patients with idiopathic pulmonary fibrosis and exertional desaturation. <i>Clinical Respiratory Journal</i> , 2021 , 15, 1088-1096	1.7	1
78	Relative energy deficiency in sports (RED-S): elucidation of endocrine changes affecting the health of males and females. <i>Hormones</i> , 2021 , 20, 35-47	3.1	17
77	Contribution of single office aortic systolic blood pressure measurements to the detection of masked hypertension: data from two separate cohorts. <i>Hypertension Research</i> , 2021 , 44, 215-224	4.7	3
76	Exercise as a Therapeutic Intervention in Gestational Diabetes Mellitus. <i>Endocrines</i> , 2021 , 2, 65-78	0.8	5
75	Impaired vagal adaptation to an exercise task in women with gestational diabetes mellitus versus women with uncomplicated pregnancies. <i>Hormones</i> , 2021 , 20, 753-760	3.1	
74	Cardiorespiratory fitness in kidney transplant recipients compared to patients with kidney failure: a systematic review and meta-analysis. <i>Transplant International</i> , 2021 , 34, 1801-1811	3	1

73	A randomized placebo-control trial of the acute effects of oxygen supplementation on exercise hemodynamics, autonomic modulation, and brain oxygenation in patients with pulmonary hypertension. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 290, 103677	2.8	0
72	Exertional Desaturation in Idiopathic Pulmonary Fibrosis: The Role of Oxygen Supplementation in Modifying Cerebral-Skeletal Muscle Oxygenation and Systemic Hemodynamics. <i>Respiration</i> , 2021 , 100, 463-475	3.7	2
71	Cardiopulmonary exercise testing in chronic obstructive pulmonary disease: An update on its clinical value and applications. <i>Clinical Physiology and Functional Imaging</i> , 2020 , 40, 197-206	2.4	8
70	Are Blood Pressure and Cardiovascular Stress Greater in Isometric or in Dynamic Resistance Exercise?. <i>Sports</i> , 2020 , 8,	3	2
69	Metabolic Syndrome, Hormones, and Exercise. <i>Contemporary Endocrinology</i> , 2020 , 519-534	0.3	1
68	Hyponatremia accompanying volatile hypertension caused by baroreflex failure after neck surgery: case report and literature review. <i>Journal of Hypertension</i> , 2020 , 38, 1617-1624	1.9	2
67	Measurement and Changes in Cerebral Oxygenation and Blood Flow at Rest and During Exercise in Normotensive and Hypertensive Individuals. <i>Current Hypertension Reports</i> , 2020 , 22, 71	4.7	4
66	Dose-Dependent Effects of Ranolazine on Reentrant Ventricular Arrhythmias Induced After Subacute Myocardial Infarction in Rabbits. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020 , 25, 65-71	2.6	2
65	Noninvasive Assessment of Myocardial Perfusion in Different Blood Pressure Phenotypes and Its Association With Arterial Stiffness Indices. <i>American Journal of Hypertension</i> , 2019 , 32, 557-563	2.3	7
64	BLUNTED CEREBRAL OXYGENATION DURING EXERCISE IN MASKED HYPERTENSIVES AS AN INDEX OF IMPAIRMENT IN MICROCIRCULATION. <i>Journal of Hypertension</i> , 2019 , 37, e71-e72	1.9	
63	NON-INVASIVE ASSESSMENT OF MYOCARDIAL PERFUSION IN MASKED AND WHITE-COAT HYPERTENSION. <i>Journal of Hypertension</i> , 2019 , 37, e114	1.9	
62	BLOOD PRESSURE RESPONSE TO ISOMETRIC HANDGRIP EXERCISE IN DIABETIC PATIENTS WITHOUT ESTABLISHED CVD. <i>Journal of Hypertension</i> , 2019 , 37, e141	1.9	
61	A brief submaximal isometric exercise test unmasks systolic and diastolic masked hypertension. <i>Journal of Hypertension</i> , 2019 , 37, 710-719	1.9	12
60	Dietary nitrate improves muscle microvascular reactivity and lowers blood pressure at rest and during isometric exercise in untreated hypertensives. <i>Microcirculation</i> , 2019 , 26, e12525	2.9	5
59	Pregnancy and post-partum muscle and cerebral oxygenation during intermittent exercise in gestational diabetes: A pilot study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019 , 232, 54-59	2.4	5
58	Blunted cerebral oxygenation during exercise in women with gestational diabetes mellitus: associations with macrovascular function and cardiovascular risk factors. <i>Metabolism: Clinical and Experimental</i> , 2018 , 83, 25-30	12.7	10
57	Asymmetric dimethylarginine levels are associated with augmentation index across naïve untreated patients with different hypertension phenotypes. <i>Journal of Clinical Hypertension</i> , 2018 , 20, 680-685	2.3	19
56	Beetroot Increases Muscle Performance and Oxygenation During Sustained Isometric Exercise, but Does Not Alter Muscle Oxidative Efficiency and Microvascular Reactivity at Rest. <i>Journal of the American College of Nutrition</i> , 2018 , 37, 361-372	3.5	14

55	Adaptations to endurance training depend on exercise-induced oxidative stress: exploiting redox interindividual variability. <i>Acta Physiologica</i> , 2018 , 222, e12898	5.6	61
54	REAL TIME ASSESSMENT OF MICROCIRCULATION IN HYPERTENSION USING LASER SPECKLE CONTRAST ANALYSIS. <i>Journal of Hypertension</i> , 2018 , 36, e283-e284	1.9	1
53	SYSTOLIC BLOOD PRESSURE PHENOTYPING BASED ON BOTH AORTIC AND BRACHIAL MEASUREMENTS AND ITS RELATIONSHIP WITH INTERMEDIATE HYPERTENSION PHENOTYPES AND ARTERIAL STIFFNESS. <i>Journal of Hypertension</i> , 2018 , 36, e180	1.9	
52	ASSOCIATION OF ENDOTHELIAL DYSFUNCTION IN MICROCIRCULATION USING LASER SPECKLE CONTRAST ANALYSIS WITH MARKERS OF ARTERIAL STIFFNESS. <i>Journal of Hypertension</i> , 2018 , 36, e99-e100	1.9	1
51	P86 BLUNTED CEREBRAL MICROCIRCULATION OXYGENATION DURING EXERCISE IN NEWLY DIAGNOSED HYPERTENSIVE PATIENTS: LINKS WITH INDICES OF MACROCIRCULATION AND ARTERIAL STIFFNESS. <i>Artery Research</i> , 2018 , 24, 103	2.2	
50	Amiodarone plus Ranolazine for Conversion of Post-Cardiac Surgery Atrial Fibrillation: Enhanced Effectiveness in Reduced Versus Preserved Ejection Fraction Patients. <i>Cardiovascular Drugs and Therapy</i> , 2018 , 32, 559-565	3.9	14
49	Smoking before isometric exercise amplifies myocardial stress and dysregulates baroreceptor sensitivity and cerebral oxygenation. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 376-384		9
48	Impaired Muscle Oxygenation and Elevated Exercise Blood Pressure in Hypertensive Patients: Links With Vascular Stiffness. <i>Hypertension</i> , 2017 , 70, 444-451	8.5	39
47	[OP.7B.01] MASKED HYPERTENSIVES EXHIBIT AN EXAGGERATED BLOOD PRESSURE RESPONSE DURING HANDGRIP EXERCISE SIMILAR TO THAT IN HYPERTENSIVE INDIVIDUALS. <i>Journal of Hypertension</i> , 2017 , 35, e67	1.9	
46	[OP.8C.04] UNTREATED INDIVIDUALS WITH HYPERTENSION EXHIBIT IMPAIRMENTS IN SKELETAL MUSCLE OXYGENATION AND BLUNTED MICROVASCULAR REACTIVITY. <i>Journal of Hypertension</i> , 2017 , 35, e90-e91	1.9	
45	[BP.07.06] ACUTE ADMINISTRATION (SINGLE DOSE) OF BEETROOT JUICE ATTENUATES BLOOD PRESSURE DURING ISOMETRIC EXERCISE IN UNTREATED HYPERTENSIVE PATIENTS. <i>Journal of Hypertension</i> , 2017 , 35, e265	1.9	
44	Impairments in microvascular function and skeletal muscle oxygenation in women with gestational diabetes mellitus: links to cardiovascular disease risk factors. <i>Diabetologia</i> , 2017 , 60, 192-201	10.3	36
43	Exaggerated haemodynamic and neural responses to involuntary contractions induced by whole-body vibration in normotensive obese versus lean women. <i>Experimental Physiology</i> , 2016 , 101, 717-30	2.4	18
42	Global Metabolic Stress of Isoeffort Continuous and High Intensity Interval Aerobic Exercise: A Comparative ¹ H NMR Metabonomic Study. <i>Journal of Proteome Research</i> , 2016 , 15, 4452-4463	5.6	22
41	Low vitamin C values are linked with decreased physical performance and increased oxidative stress: reversal by vitamin C supplementation. <i>European Journal of Nutrition</i> , 2016 , 55, 45-53	5.2	81
40	The rat closely mimics oxidative stress and inflammation in humans after exercise but not after exercise combined with vitamin C administration. <i>European Journal of Applied Physiology</i> , 2016 , 116, 791-804	3.4	16
39	Plasma from exercised rats administered to sedentary rats induces systemic and tissue inflammation. <i>Physiological Reports</i> , 2016 , 4, e13087	2.6	8
38	Experimental verification of regression to the mean in redox biology: differential responses to exercise. <i>Free Radical Research</i> , 2016 , 50, 1237-1244	4	8

37	The rat adequately reflects human responses to exercise in blood biochemical profile: a comparative study. <i>Physiological Reports</i> , 2015 , 3, e12293	2.6	30
36	Oxygen Delivery and Muscle Deoxygenation during Continuous, Long- and Short-Interval Exercise. <i>International Journal of Sports Medicine</i> , 2015 , 36, 872-80	3.6	18
35	Whole-body vibration training in middle-aged females: improving muscle flexibility and the power of lower limbs. <i>Sport Sciences for Health</i> , 2015 , 11, 287-294	1.3	4
34	Blood reflects tissue oxidative stress: a systematic review. <i>Biomarkers</i> , 2015 , 20, 97-108	2.6	62
33	Circulating angiogenic biomolecules at rest and in response to upper-limb exercise in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2014 , 37, 226-32	1.9	8
32	Reductive stress after exercise: The issue of redox individuality. <i>Redox Biology</i> , 2014 , 2, 520-8	11.3	57
31	Determinants of muscle metaboreflex and involvement of baroreflex in boys and young men. <i>European Journal of Applied Physiology</i> , 2013 , 113, 827-38	3.4	14
30	Aging is not a barrier to muscle and redox adaptations: applying the repeated eccentric exercise model. <i>Experimental Gerontology</i> , 2013 , 48, 734-43	4.5	14
29	Reduced metaboreflex control of blood pressure during exercise in individuals with intellectual disability: a possible contributor to exercise intolerance. <i>Research in Developmental Disabilities</i> , 2013 , 34, 335-43	2.7	10
28	Whole-body vibration training improves flexibility, strength profile of knee flexors, and hamstrings-to-quadriceps strength ratio in females. <i>Journal of Science and Medicine in Sport</i> , 2013 , 16, 477-81	4.4	27
27	Age-related differences in peak handgrip strength between wrestlers and nonathletes during the developmental years. <i>Journal of Strength and Conditioning Research</i> , 2013 , 27, 616-23	3.2	16
26	Effect of a hippotherapy intervention program on static balance and strength in adolescents with intellectual disabilities. <i>Research in Developmental Disabilities</i> , 2012 , 33, 2265-70	2.7	54
25	Low-frequency fatigue as an indicator of eccentric exercise-induced muscle injury: the role of vitamin E. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 628352	6.7	2
24	Blood Pressure Control at Rest and during Exercise in Obese Children and Adults. <i>Journal of Obesity</i> , 2012 , 2012, 147385	3.7	10
23	Exercise as a model to study redox homeostasis in blood: the effect of protocol and sampling point. <i>Biomarkers</i> , 2012 , 17, 28-35	2.6	25
22	Muscle perfusion of posterior trunk and lower-limb muscles at rest and during upper-limb exercise in spinal cord-injured and able-bodied individuals. <i>Spinal Cord</i> , 2012 , 50, 822-6	2.7	3
21	Role of cardiorespiratory fitness and obesity on hemodynamic responses in children. <i>Journal of Sports Medicine and Physical Fitness</i> , 2012 , 52, 311-8	1.4	2
20	The extent of aerobic system activation during continuous and interval exercise protocols in young adolescents and men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 128-36	3	5

19	Altered hemodynamic regulation and reflex control during exercise and recovery in obese boys. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H2090-6	5.2	35
18	Muscle fatigue during intermittent exercise in individuals with mental retardation. <i>Research in Developmental Disabilities</i> , 2010 , 31, 388-96	2.7	18
17	Prediction of peak oxygen uptake from a maximal treadmill test in 12- to 18-year-old active male adolescents. <i>Pediatric Exercise Science</i> , 2010 , 22, 624-37	2	7
16	The effects of heavy continuous versus long and short intermittent aerobic exercise protocols on oxygen consumption, heart rate, and lactate responses in adolescents. <i>European Journal of Applied Physiology</i> , 2010 , 110, 17-26	3.4	14
15	Fatigue resistance during high-intensity intermittent exercise from childhood to adulthood in males and females. <i>European Journal of Applied Physiology</i> , 2009 , 106, 645-53	3.4	43
14	An isoenergetic high-protein, moderate-fat diet does not compromise strength and fatigue during resistance exercise in women. <i>British Journal of Nutrition</i> , 2008 , 100, 283-6	3.6	11
13	The contribution of stretch-shortening cycle and arm-swing to vertical jumping performance in children, adolescents, and adult basketball players. <i>Pediatric Exercise Science</i> , 2008 , 20, 379-89	2	50
12	Effects of low- and high-volume resistance exercise on postprandial lipaemia. <i>British Journal of Nutrition</i> , 2007 , 97, 471-7	3.6	34
11	The effects of a twenty-four-week aquatic training program on muscular strength performance in healthy elderly women. <i>Journal of Strength and Conditioning Research</i> , 2006 , 20, 811-8	3.2	95
10	Recovery during high-intensity intermittent anaerobic exercise in boys, teens, and men. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 505-12	1.2	63
9	The effects of resisted sled-pulling sprint training on acceleration and maximum speed performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2005 , 45, 284-90	1.4	22
8	Gender differences in post-infarction hypertrophy in end-stage failing hearts. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 300-6	15.1	77
7	Preserved contractile function despite atrophic remodeling in unloaded rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H1131-6	5.2	25
6	Voltage-dependent Ca ²⁺ release from the SR of feline ventricular myocytes is explained by Ca ²⁺ -induced Ca ²⁺ release. <i>Journal of Physiology</i> , 2000 , 523 Pt 3, 533-48	3.9	37
5	The effects of chronic exercise on anesthesia induced hepatotoxicity. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 2024-8	1.2	4
4	Sodium/calcium exchange contributes to contraction and relaxation in failed human ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 277, H714-24	5.2	29
3	The sarcoplasmic reticulum and the Na ⁺ /Ca ²⁺ exchanger both contribute to the Ca ²⁺ transient of failing human ventricular myocytes. <i>Circulation Research</i> , 1999 , 84, 435-44	15.7	134
2	Myocyte recovery after mechanical circulatory support in humans with end-stage heart failure. <i>Circulation</i> , 1998 , 97, 2316-22	16.7	353

- 1 Cellular basis of contractile derangements of hypertrophied feline ventricular myocytes. *Journal of Molecular and Cellular Cardiology*, **1997**, 29, 1823-35 5.8 58