

# Nandu Goswami

## List of Publications by Year in descending order

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Version: 2024-02-01

169  
papers

2,942  
citations

201674

27  
h-index

254184

43  
g-index

176  
all docs

176  
docs citations

176  
times ranked

2876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle Atrophy Induced by Mechanical Unloading: Mechanisms and Potential Countermeasures. <i>Frontiers in Physiology</i> , 2018, 9, 235.	2.8	181
2	Lower Body Negative Pressure: Physiological Effects, Applications, and Implementation. <i>Physiological Reviews</i> , 2019, 99, 807-851.	28.8	131
3	Impairment of Cerebral Blood Flow Regulation in Astronauts With Orthostatic Intolerance After Flight. <i>Stroke</i> , 2011, 42, 1844-1850.	2.0	102
4	Trait and state positive affect and cardiovascular recovery from experimental academic stress. <i>Biological Psychology</i> , 2010, 83, 108-115.	2.2	95
5	The prevalence of pediatric metabolic syndrome—a critical look on the discrepancies between definitions and its clinical importance. <i>International Journal of Obesity</i> , 2021, 45, 12-24.	3.4	94
6	Ambient air pollution and health in Sub-Saharan Africa: Current evidence, perspectives and a call to action.. <i>Environmental Research</i> , 2019, 173, 174-188.	7.5	89
7	LBNP: Past Protocols and Technical Considerations for Experimental Design. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 459-471.	0.5	75
8	Falls and Fall-Prevention in Older Persons: Geriatrics Meets Spaceflight!. <i>Frontiers in Physiology</i> , 2017, 8, 603.	2.8	61
9	Vascular endothelial dysfunction in the wake of HIV and ART. <i>FEBS Journal</i> , 2019, 286, 1256-1270.	4.7	60
10	Orthostatic Intolerance in Older Persons: Etiology and Countermeasures. <i>Frontiers in Physiology</i> , 2017, 8, 803.	2.8	57
11	Cerebrovascular autoregulation: lessons learned from spaceflight research. <i>European Journal of Applied Physiology</i> , 2013, 113, 1909-1917.	2.5	49
12	Humoral immune response to COVID-19 vaccination in diabetes is age-dependent but independent of type of diabetes and glycaemic control: The prospective COVACoDM cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 849-858.	4.4	45
13	Maximizing information from space data resources: a case for expanding integration across research disciplines. <i>European Journal of Applied Physiology</i> , 2013, 113, 1645-1654.	2.5	42
14	Effect of postural changes on cardiovascular parameters across gender. <i>Medicine (United States)</i> , 2016, 95, e4149.	1.0	41
15	Changes in calpains and calpastatin in the soleus muscle of Daurian ground squirrels during hibernation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 176, 26-31.	1.8	39
16	Aquaporins, Vasopressin, and Aging: Current Perspectives. <i>Endocrinology</i> , 2015, 156, 777-788.	2.8	39
17	Effects of Individualized Centrifugation Training on Orthostatic Tolerance in Men and Women. <i>PLoS ONE</i> , 2015, 10, e0125780.	2.5	38
18	Bed rest does not induce hypercoagulability. <i>European Journal of Clinical Investigation</i> , 2015, 45, 63-69.	3.4	36

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19	Artificial Gravity as a Countermeasure to the Cardiovascular Deconditioning of Spaceflight: Gender Perspectives. <i>Frontiers in Physiology</i> , 2018, 9, 716.	2.8	36
20	Cardiovascular effects of air pollution: current evidence from animal and human studies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1417-H1439.	3.2	35
21	Reactive hyperemia in the human liver. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, G332-G337.	3.4	34
22	Hormonal and plasma volume changes after presyncope. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1180-1185.	3.4	33
23	Metabolomic profiling suggests long chain ceramides and sphingomyelins as a possible diagnostic biomarker of epithelial ovarian cancer. <i>Clinica Chimica Acta</i> , 2018, 481, 108-114.	1.1	33
24	Prevalence of metabolic syndrome in adolescents living in Mthatha, South Africa. <i>Therapeutics and Clinical Risk Management</i> , 2017, Volume 13, 131-137.	2.0	31
25	Using the Moon as a high-fidelity analogue environment to study biological and behavioral effects of long-duration space exploration. <i>Planetary and Space Science</i> , 2012, 74, 111-120.	1.7	30
26	Human physiology adaptation to altered gravity environments. <i>Acta Astronautica</i> , 2021, 189, 216-221.	3.2	30
27	Coagulation Changes during Presyncope and Recovery. <i>PLoS ONE</i> , 2012, 7, e42221.	2.5	30
28	Blood Volume Redistribution During Hypovolemia. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 59-64.	0.5	29
29	Merging current healthcare trends: innovative perspective in aging care. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 2083-2095.	2.9	29
30	Cardiovascular risk and endothelial function in people living with HIV/AIDS: design of the multi-site, longitudinal EndoAfrica study in the Western Cape Province of South Africa. <i>BMC Infectious Diseases</i> , 2017, 17, 41.	2.9	28
31	Volume Regulation and Renal Function at High Altitude across Gender. <i>PLoS ONE</i> , 2015, 10, e0118730.	2.5	28
32	Stable <i>atrogen-1</i> ( <i>Fbxo32</i> ) and <i>MuRF1</i> ( <i>Trim63</i> ) gene expression is involved in the protective mechanism in soleus muscle of hibernating Daurian ground squirrels ( <i>Spermophilus</i> ) <i>Tj ETQq0 0 0.784314 rgBT /Overlock 10 T</i>	1.8	27
33	Time course of cardiovascular responses induced by mental and orthostatic challenges. <i>International Journal of Psychophysiology</i> , 2010, 75, 48-53.	1.0	26
34	Effects of Exercise and Nutrition on the Coagulation System During Bedrest Immobilization. <i>Medicine (United States)</i> , 2015, 94, e1555.	1.0	26
35	Poststroke alterations in heart rate variability during orthostatic challenge. <i>Medicine (United States)</i> <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	1.8	26
36	Heart rate and stroke volume response patterns to augmented orthostatic stress. <i>Clinical Autonomic Research</i> , 2009, 19, 157-165.	2.5	25

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37	The relationship between brain cortical activity and brain oxygenation in the prefrontal cortex during hypergravity exposure. <i>Journal of Applied Physiology</i> , 2013, 114, 905-910.	2.5	24
38	Hypovolemic men and women regulate blood pressure differently following exposure to artificial gravity. <i>European Journal of Applied Physiology</i> , 2015, 115, 2631-2640.	2.5	24
39	Type 1 Diabetes and Physical Exercise: Moving (forward) as an Adjuvant Therapy. <i>Current Pharmaceutical Design</i> , 2020, 26, 946-957.	1.9	24
40	Individual stability of orthostatic tolerance response. <i>Acta Physiologica Hungarica</i> , 2009, 96, 157-166.	0.9	23
41	The Promise of Stochastic Resonance in Falls Prevention. <i>Frontiers in Physiology</i> , 2018, 9, 1865.	2.8	23
42	Short-arm human centrifugation with 0.4g at eye and 0.75g at heart level provides similar cerebrovascular and cardiovascular responses to standing. <i>European Journal of Applied Physiology</i> , 2015, 115, 1569-1575.	2.5	21
43	Comparison of Autonomic Control of Blood Pressure During Standing and Artificial Gravity Induced via Short-Arm Human Centrifuge. <i>Frontiers in Physiology</i> , 2018, 9, 712.	2.8	21
44	Dynamics of Vagal Activity Due to Surgery and Subsequent Rehabilitation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1116.	2.8	21
45	Effects of Stimuli on Cardiovascular Reactivity Occurring at Regular Intervals During Mental Stress. <i>Journal of Psychophysiology</i> , 2010, 24, 48-60.	0.7	21
46	Endothelial function in patients with chronic obstructive pulmonary disease: a systematic review of studies using flow mediated dilatation. <i>Expert Review of Respiratory Medicine</i> , 2017, 11, 1-11.	2.5	20
47	Novel findings on ultrastructural protection of skeletal muscle fibers during hibernation of Daurian ground squirrels: Mitochondria, nuclei, cytoskeleton, glycogen. <i>Journal of Cellular Physiology</i> , 2019, 234, 13318-13331.	4.1	20
48	Cardio-autonomic control and wellbeing due to oscillating color light exposure. <i>Physiology and Behavior</i> , 2013, 114-115, 55-64.	2.1	18
49	Autoimmune Rheumatic Diseases and Vascular Function: The Concept of Autoimmune Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4427.	2.4	18
50	Delaying orthostatic syncope with mental challenge: A pilot study. <i>Physiology and Behavior</i> , 2012, 106, 569-573.	2.1	17
51	Identification of the optimal dose and calpain system regulation of tetramethylpyrazine on the prevention of skeletal muscle atrophy in hindlimb unloading rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 513-523.	5.6	17
52	Personal NO <sub>2</sub> and Volatile Organic Compounds Exposure Levels are Associated with Markers of Cardiovascular Risk in Women in the Cape Town Region of South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2284.	2.6	17
53	Cardiometabolic risk factors and early indicators of vascular dysfunction: a cross-sectional cohort study in South African adolescents. <i>BMJ Open</i> , 2021, 11, e042955.	1.9	17
54	Radix Astragali and Orthostatic Response: A Double-Masked Crossover Study. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 94-98.	0.5	16

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55	Volume regulating hormone responses to repeated head-up tilt and lower body negative pressure. <i>European Journal of Clinical Investigation</i> , 2011, 41, 863-869.	3.4	16
56	Modulation of plasma adrenomedullin by epinephrine infusion during head up tilt. <i>European Journal of Applied Physiology</i> , 2011, 111, 531-537.	2.5	15
57	Effect of computerized cognitive training with virtual spatial navigation task during bed rest immobilization and recovery on vascular function: A pilot study. <i>Clinical Interventions in Aging</i> , 2015, 10, 453.	2.9	15
58	Non-linear Heart Rate and Blood Pressure Interaction in Response to Lower-Body Negative Pressure. <i>Frontiers in Physiology</i> , 2017, 8, 767.	2.8	15
59	Sex differences in cardiovascular responses to orthostatic challenge in healthy older persons: A pilot study. <i>Physiology International</i> , 2019, 106, 236-249.	1.6	15
60	Postural hemodynamic parameters in older persons have a seasonal dependency. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2020, 53, 145-155.	1.8	15
61	Retinal arteriolar and venular diameters are widened in patients with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 619-621.	1.8	15
62	Effect of Microgravity Environment on Gut Microbiome and Angiogenesis. <i>Life</i> , 2021, 11, 1008.	2.4	15
63	A Hind Limb Disuse Model Inducing Extensor Digitorum Longus Atrophy in Rats: Tail Suspension-Immobilization. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 689-693.	0.5	14
64	Investigation of a Micro-test for Circulatory Autonomic Nervous System Responses. <i>Frontiers in Physiology</i> , 2017, 8, 448.	2.8	14
65	Looking into the eye of patients with chronic obstructive pulmonary disease: an opportunity for better microvascular profiling of these complex patients. <i>Acta Ophthalmologica</i> , 2018, 96, 539-549.	1.1	14
66	Comparison between men and women of volume regulating hormones and aquaporin-2 excretion following graded central hypovolemia. <i>European Journal of Applied Physiology</i> , 2019, 119, 633-643.	2.5	14
67	Personal exposure to NO <sub>2</sub> and benzene in the Cape Town region of South Africa is associated with shorter leukocyte telomere length in women. <i>Environmental Research</i> , 2020, 182, 108993.	7.5	14
68	General and Disease-Specific Health Indicator Changes Associated with Inpatient Rehabilitation. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 2017.e10-2017.e27.	2.5	14
69	Cardiovascular Risk Factors and Their Relationship with Vascular Dysfunction in South African Children of African Ancestry. <i>Journal of Clinical Medicine</i> , 2021, 10, 354.	2.4	14
70	Global partnerships: Expanding the frontiers of space exploration education. <i>Acta Astronautica</i> , 2012, 80, 190-196.	3.2	13
71	Influence of bed rest on plasma galanin and adrenomedullin at presyncope. <i>European Journal of Clinical Investigation</i> , 2015, 45, 679-685.	3.4	13
72	Cardio-postural interactions and muscle-pump baroreflex are severely impacted by 60-day bedrest immobilization. <i>Scientific Reports</i> , 2020, 10, 12042.	3.3	13

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73	Patterns of Cardiovascular Control During Repeated Tests of Orthostatic Loading. Cardiovascular Engineering (Dordrecht, Netherlands), 2009, 9, 134-143.	1.0	12
74	Treatment with a fixed dose combination antiretroviral therapy drug containing tenofovir, emtricitabine and efavirenz is associated with cardioprotection in high calorie diet-induced obese rats. PLoS ONE, 2018, 13, e0208537.	2.5	12
75	Coagulation changes induced by lower-body negative pressure in men and women. Journal of Applied Physiology, 2019, 126, 1214-1222.	2.5	12
76	&lt;p&gt;Falls Risk, Circadian Rhythms and Melatonin: Current Perspectives&lt;/p&gt;. Clinical Interventions in Aging, 2020, Volume 15, 2165-2174.	2.9	12
77	Effect of Orthostasis on Endothelial Function: A Gender Comparative Study. PLoS ONE, 2013, 8, e71655.	2.5	12
78	Bridging different perspectives of the physiological and mathematical disciplines. American Journal of Physiology - Advances in Physiology Education, 2012, 36, 265-274.	1.6	11
79	Effect of Mental Arithmetic on heart rate responses during Parabolic Flights: the Barcelona Zero-G Challenge. Microgravity Science and Technology, 2014, 26, 11-16.	1.4	11
80	Orthostatic Challenge Shifts the Hemostatic System of Patients Recovered from Stroke toward Hypercoagulability. Frontiers in Physiology, 2017, 8, 12.	2.8	11
81	Effect of novel shortâ€arm human centrifugationâ€induced gravitational gradients upon cardiovascular responses, cerebral perfusion and gâ€tolerance. Journal of Physiology, 2020, 598, 4237-4249.	2.9	11
82	Fluid Shifts Induced by Physical Therapy in Lower Limb Lymphedema Patients. Journal of Clinical Medicine, 2020, 9, 3678.	2.4	11
83	Biology of Lymphedema. Biology, 2021, 10, 261.	2.8	11
84	Rate of cardiovascular recovery to combined or separate orthostatic and mental challenges. International Journal of Psychophysiology, 2010, 75, 54-62.	1.0	10
85	Interaction of mental and orthostatic stressors. Acta Astronautica, 2011, 68, 1509-1516.	3.2	10
86	Reduced hyperpolarization of endothelial cells following high dietary Na<sup>+</sup>: effects of enalapril and tempol. Clinical and Experimental Pharmacology and Physiology, 2012, 39, 608-613.	1.9	10
87	Microvascular reactivity in rehabilitating cardiac patients based on measurements of retinal blood vessel diameters. Microvascular Research, 2019, 124, 25-29.	2.5	10
88	An association of neovascular ageâ€related macular degeneration with polymorphisms of CFH, ARMS2, HTRA1 and C3 genes in Czech population. Acta Ophthalmologica, 2020, 98, e691-e699.	1.1	10
89	Modelling of cardiovascular response to graded orthostatic stress: role of capillary filtration. European Journal of Clinical Investigation, 2011, 41, 807-819.	3.4	9
90	Modeling of hyaluronan clearance with application to estimation of lymph flow. Physiological Measurement, 2011, 32, 1213-1238.	2.1	9

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91	A dramatic blood plasticity in hibernating and 14-day hindlimb unloading Daurian ground squirrels ( <i>Spermophilus dauricus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 869-879.	1.5	9
92	Editorial: Gravitational Physiology, Aging and Medicine. <i>Frontiers in Physiology</i> , 2019, 10, 1338.	2.8	9
93	Vascular function and cardiovascular risk in a HIV infected and HIV free cohort of African ancestry: baseline profile, rationale and methods of the longitudinal EndoAfrica-NWU study. <i>BMC Infectious Diseases</i> , 2020, 20, 473.	2.9	9
94	Lymphatic Senescence: Current Updates and Perspectives. <i>Biology</i> , 2021, 10, 293.	2.8	9
95	Does mental arithmetic before head up tilt have an effect on the orthostatic cardiovascular and hormonal responses?. <i>Acta Astronautica</i> , 2011, 68, 1589-1594.	3.2	8
96	Gender specific changes in cortical activation patterns during exposure to artificial gravity. <i>Acta Astronautica</i> , 2014, 104, 438-443.	3.2	8
97	Coagulation Changes during Central Hypovolemia across Seasons. <i>Journal of Clinical Medicine</i> , 2020, 9, 3461.	2.4	8
98	Heart Rhythm Analyzed via Shapelets Distinguishes Sleep From Awake. <i>Frontiers in Physiology</i> , 2019, 10, 1554.	2.8	8
99	Relationship between Endothelial Function, Antiretroviral Treatment and Cardiovascular Risk Factors in HIV Patients of African Descent in South Africa: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 392.	2.4	8
100	A Perspective on COVID-19 Management. <i>Journal of Clinical Medicine</i> , 2021, 10, 1586.	2.4	8
101	Going against the flow: are venous thromboembolism and impaired cerebral drainage critical risks for spaceflight?. <i>Journal of Applied Physiology</i> , 2022, 132, 270-273.	2.5	8
102	Support Vector Machine-Based Classification of Vasovagal Syncope Using Head-Up Tilt Test. <i>Biology</i> , 2021, 10, 1029.	2.8	8
103	Search for Venous Endothelial Biomarkers Heraldng Venous Thromboembolism in Space: A Qualitative Systematic Review of Terrestrial Studies. <i>Frontiers in Physiology</i> , 2022, 13, 885183.	2.8	8
104	Mechanical deconditioning of the heart due to long-term bed rest as observed on seismocardiogram morphology. <i>Npj Microgravity</i> , 2022, 8, .	3.7	8
105	Adrenomedullin and galanin responses to orthostasis in older persons. <i>European Journal of Clinical Investigation</i> , 2017, 47, 812-818.	3.4	7
106	Data on metabolomic profiling of ovarian cancer patients' serum for potential diagnostic biomarkers. <i>Data in Brief</i> , 2018, 18, 1825-1831.	1.0	7
107	The effects of varying gravito-inertial stressors on grip strength and hemodynamic responses in men and women. <i>European Journal of Applied Physiology</i> , 2019, 119, 951-960.	2.5	7
108	The Role of Enhanced Cognition to Counteract Detrimental Effects of Prolonged Bed Rest: Current Evidence and Perspectives. <i>Frontiers in Physiology</i> , 2018, 9, 1864.	2.8	7

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109	Effects of an Innovative Head-Up Tilt Protocol on Blood Pressure and Arterial Stiffness Changes. <i>Journal of Clinical Medicine</i> , 2021, 10, 1198.	2.4	7
110	EndoBarrier <sup>®</sup> Implantation Rapidly Improves Insulin Sensitivity in Obese Individuals with Type 2 Diabetes Mellitus. <i>Biomolecules</i> , 2021, 11, 574.	4.0	7
111	Hind-limb unloading in rodents: Current evidence and perspectives. <i>Acta Astronautica</i> , 2022, 195, 574-582.	3.2	7
112	Identification of novel diagnostic biomarkers in endometrial cancer using targeted metabolomic profiling. <i>Advances in Medical Sciences</i> , 2021, 66, 46-51.	2.1	6
113	Vascular health assessment with flow-mediated dilatation and retinal image analysis: a pilot study in an adult population from Cape Town. <i>Cardiovascular Journal of Africa</i> , 2021, 32, 23-30.	0.4	6
114	Impact of a Single 36 Hours Prolonged Fasting Period in Adults With Type 1 Diabetes – A Cross-Over Controlled Trial. <i>Frontiers in Endocrinology</i> , 2021, 12, 656346.	3.5	6
115	Quantitative falls risk assessment in elderly people: results from a clinical study with distance based timed up-and-go test recordings. <i>Physiological Measurement</i> , 2020, 41, 115006.	2.1	6
116	Teaching fluid shifts during orthostasis using a classic paper by Foux et al.. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2011, 35, 330-335.	1.6	5
117	Assessing formal teaching of ethics in physiology: an empirical survey, patterns, and recommendations. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2012, 36, 188-191.	1.6	5
118	Seasonal oxidative capacity of skeletal muscles in hibernating Daurian ground squirrels ( <i>Spermophilus dauricus</i> ). <i>Canadian Journal of Zoology</i> , 2015, 93, 593-598.	1.0	5
119	HIV/AIDS: Emerging threat to cardiovascular health in sub-Saharan Africa. <i>South African Medical Journal</i> , 2016, 106, 537.	0.6	5
120	The effect of physical activity intervention and nutritional habits on anthropometric measures in elementary school children: the health oriented pedagogical project (HOPP). <i>International Journal of Obesity</i> , 2021, 45, 1677-1686.	3.4	5
121	Cardiorespiratory Interaction and Autonomic Sleep Quality Improve during Sleep in Beds Made from <i>Pinus cembra</i> (Stone Pine) Solid Wood. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9749.	2.6	5
122	A Pilot Study: Hypertension, Endothelial Dysfunction and Retinal Microvasculature in Rheumatic Autoimmune Diseases. <i>Journal of Clinical Medicine</i> , 2021, 10, 4067.	2.4	5
123	Paradoxical clearance of hyaluronan fragments during haemodialysis and haemodiafiltration. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4420-4422.	0.7	4
124	The research on the formation mechanism of extraordinary oxidative capacity of skeletal muscle in hibernating ground squirrels ( <i>Spermophilus dauricus</i> ). <i>Zoological Studies</i> , 2015, 54, e46.	0.3	4
125	Galanin and Adrenomedullin Plasma Responses During Artificial Gravity on a Human Short-Arm Centrifuge. <i>Frontiers in Physiology</i> , 2019, 9, 1956.	2.8	4
126	Menstrual Phase Affects Coagulation and Hematological Parameters during Central Hypovolemia. <i>Journal of Clinical Medicine</i> , 2020, 9, 3118.	2.4	4



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127	Prolonged bedrest reduces plasma high-density lipoprotein levels linked to markedly suppressed cholesterol efflux capacity. <i>Scientific Reports</i> , 2020, 10, 15001.	3.3	4
128	Seasonal rhythms of vasopressin release and aquaporin-2 excretion assure appropriate water conservation in humans. <i>Journal of Translational Medicine</i> , 2021, 19, 194.	4.4	4
129	COVID-19 and its effects on endothelium in HIV-positive patients in sub-Saharan Africa: Cardiometabolic risk, thrombosis and vascular function (ENDOCOVID STUDY). <i>BMC Infectious Diseases</i> , 2021, 21, 719.	2.9	4
130	The Impact of Cardiovascular Rehabilitation on Psychophysiological Stress, Personality and Tryptophan Metabolism: A Randomized Pilot Feasibility Study. <i>Antioxidants</i> , 2021, 10, 1425.	5.1	4
131	Effects of physical therapy on hyaluronan clearance and volume regulating hormones in lower limb lymphedema patients: A pilot study. <i>Science Progress</i> , 2021, 104, 003685042199848.	1.9	4
132	Arterial Stiffness in a Cohort of Young People Living With Perinatal HIV and HIV Negative Young People in England. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821568.	2.4	4
133	Assessment of the impact of HIV infection and anti-retroviral treatment on the cardiometabolic health of pregnant mothers and their offspring (ARTMOMSBABES). <i>BMC Cardiovascular Disorders</i> , 2021, 21, 322.	1.7	3
134	Independent influence of age on heart rate recovery after flywheel exercise in trained men and women. <i>Scientific Reports</i> , 2021, 11, 12011.	3.3	3
135	HIV and Antiretroviral Therapy Are Independently Associated with Cardiometabolic Variables and Cardiac Electrical Activity in Adults from the Western Cape Region of South Africa. <i>Journal of Clinical Medicine</i> , 2021, 10, 4112.	2.4	3
136	Quantification of the Link between Timed Up-and-Go Test Subtasks and Contractile Muscle Properties. <i>Sensors</i> , 2021, 21, 6539.	3.8	3
137	Correlation between timed up and go test and skeletal muscle tensiomyography in female nursing home residents. <i>Journal of Musculoskeletal Neuronal Interactions</i> , 2021, 21, 247-254.	0.1	3
138	Children's hair cortisol and hair testosterone concentrations in response to environmental changes: from summer holidays to school. <i>Stress</i> , 2021, 24, 998-1007.	1.8	3
139	Prolonged unloading of the cardiovascular system during bedrest and spaceflight weakens neural coupling between blood pressure and heart rate. <i>Acta Astronautica</i> , 2022, 195, 567-573.	3.2	3
140	Interactions Between EIP on AHA Reference Sites and Action Groups to Foster Digital Innovation of Health and Care in European Regions. <i>Clinical Interventions in Aging</i> , 2022, Volume 17, 343-358.	2.9	3
141	Graded lower body negative pressure induces intraventricular negative pressures and incremental diastolic suction: a pressure-volume study in a porcine model. <i>Journal of Applied Physiology</i> , 2022, 133, 20-26.	2.5	3
142	Research update for articles published in <sc>EJCI</sc> in 2011. <i>European Journal of Clinical Investigation</i> , 2013, 43, 1097-1110.	3.4	2
143	Global space workforce development: a model for partnership building and knowledge transfer to developing space-faring societies. <i>Acta Astronautica</i> , 2015, 116, 106-116.	3.2	2
144	Implementation of short-arm human centrifugation with an altered rotational axis position. , 2016, , .		2

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145	Cardiovascular health and flow-mediated dilatation (FMD) in a South African cohort of HIV-infected participants-findings from the endoAfrica study. <i>Atherosclerosis</i> , 2017, 263, e141.	0.8	2
146	Machine Learning Based Walking Aid Detection in Timed Up-and-Go Test Recordings of Elderly Patients. , 2020, 2020, 808-811.		2
147	Subcutaneous Adipose Tissue Measured by B-Mode Ultrasound to Assess and Monitor Obesity and Cardioâ€“Metabolic Risk in Children and Adolescents. <i>Biology</i> , 2021, 10, 449.	2.8	2
148	A Randomized Crossover Trial on the Acute Cardiovascular Demands During Flywheel Exercise. <i>Frontiers in Physiology</i> , 2021, 12, 665462.	2.8	2
149	Developing a â€œdry labâ€“activity using lower body negative pressure to teach physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2021, 45, 445-453.	1.6	2
150	CD36 gene polymorphisms and Alzheimer's disease. , 2020, , 57-70.		2
151	Fall Prevention Education. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 171-181.	0.1	1
152	Hemodynamic Responses in Lower Limb Lymphedema Patients Undergoing Physical Therapy. <i>Biology</i> , 2021, 10, 642.	2.8	1
153	Analysis of retinal blood vessel diameters in patients with COPD undergoing a pulmonary rehabilitation program. <i>Microvascular Research</i> , 2022, 139, 104238.	2.5	1
154	Cardiovascular and hormonal responses in presyncopal state. <i>FASEB Journal</i> , 2007, 21, A949.	0.5	1
155	Assessment of Anthropometric Indices for Optimal Cut-Offs for Obesity Screening in a South African Adolescent Population. <i>Biology</i> , 2021, 10, 1118.	2.8	1
156	Diagnosing Neurally Mediated Syncope Using Classification Techniques. <i>Journal of Clinical Medicine</i> , 2021, 10, 5016.	2.4	1
157	Comparison of endothelial function and cardiometabolic profiles of people living with HIV in two South African regions: the EndoAfrica study. <i>Cardiovascular Journal of Africa</i> , 2022, 33, 17-22.	0.4	1
158	Research update for articles published in EJCI in 2015. <i>European Journal of Clinical Investigation</i> , 2017, 47, 775-788.	3.4	0
159	Research update for articles published in EJCI in 2017. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13163.	3.4	0
160	Metabolomic profiling suggests long chain ceramides and sphingomyelins as a possible diagnostic biomarker of epithelial ovarian cancer. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2019, 234, e82.	1.1	0
161	Effects of Spaceflight, Aging, and Bedrest on Falls. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 91-106.	0.1	0
162	Static and Dynamic Retinal Vessel Analyses in Patients with Stroke as Compared to Healthy Control Subjects. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
163	Subcutaneous Adipose Tissue Measurements in the Field: A Cross-Sectional Study in South African Children and Adolescents to Assess Cardio-Metabolic Risk. SSRN Electronic Journal, 0, , .	0.4	0
164	Assessment of the Cardiovascular Risk Profile of Infants Exposed to Pre-eclampsia in-utero: A Prospective Case-Control Study in South African Children of African Ancestry. Frontiers in Cardiovascular Medicine, 2021, 8, 773841.	2.4	0
165	Variation in Child Serum Cholesterol and Prevalence of Familial Hypercholesterolemia: The Health Oriented Pedagogical Project (HOPP). Global Pediatric Health, 2022, 9, 2333794X2210795.	0.7	0
166	Effects of Spaceflight, Aging, and Bedrest on Falls. , 2022, , 1179-1194.		0
167	Cardiovascular Profile of South African Adults with Low-Level Viremia during Antiretroviral Therapy. Journal of Clinical Medicine, 2022, 11, 2812.	2.4	0
168	Health and Academic Performance With Happy Children: A Controlled Longitudinal Study Based on the HOPP Project. Frontiers in Cardiovascular Medicine, 2022, 9, .	2.4	0
169	Diversity of Hemodynamic Reactive Profiles across Personsâ€™ Psychosocial Implications for Personalized Medicine. Journal of Clinical Medicine, 2022, 11, 3869.	2.4	0