

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	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
2	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
3	Humoral immune response to <sc>COVIDâ€19</sc> vaccination in diabetes is ageâ€dependent but independent of type of diabetes and glycaemic control: The prospective <sc>COVACâ€DM</sc> cohort study. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 849-858.	4.4	45
4	Variation in Child Serum Cholesterol and Prevalence of Familial Hypercholesterolemia: The Health Oriented Pedagogical Project (HOPP). <i>Global Pediatric Health</i> , 2022, 9, 2333794X2210795.	0.7	0
5	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
6	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
7	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
8	Hind-limb unloading in rodents: Current evidence and perspectives. <i>Acta Astronautica</i> , 2022, 195, 574-582.	3.2	7
9	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
10	Effects of Spaceflight, Aging, and Bedrest on Falls. , 2022, , 1179-1194.		0
11	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
12	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
13	Cardiovascular Profile of South African Adults with Low-Level Viremia during Antiretroviral Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2812.	2.4	0
14	Health and Academic Performance With Happy Children: A Controlled Longitudinal Study Based on the HOPP Project. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	0
15	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
16	Diversity of Hemodynamic Reactive Profiles across Personsâ€™Psychosocial Implications for Personalized Medicine. <i>Journal of Clinical Medicine</i> , 2022, 11, 3869.	2.4	0
17	The prevalence of pediatric metabolic syndromeâ€™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
18	Effects of Spaceflight, Aging, and Bedrest on Falls. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 91-106.	0.1	0

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19	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
20	Fall Prevention Education. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 171-181.	0.1	1
21	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
22	Biology of Lymphedema. <i>Biology</i> , 2021, 10, 261.	2.8	11
23	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
24	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
25	A Perspective on COVID-19 Management. <i>Journal of Clinical Medicine</i> , 2021, 10, 1586.	2.4	8
26	EndoBarrierâ„¢ Implantation Rapidly Improves Insulin Sensitivity in Obese Individuals with Type 2 Diabetes Mellitus. <i>Biomolecules</i> , 2021, 11, 574.	4.0	7
27	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
28	Lymphatic Senescence: Current Updates and Perspectives. <i>Biology</i> , 2021, 10, 293.	2.8	9
29	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
30	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
31	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
32	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
33	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
34	A Randomized Crossover Trial on the Acute Cardiovascular Demands During Flywheel Exercise. <i>Frontiers in Physiology</i> , 2021, 12, 665462.	2.8	2
35	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
36	Hemodynamic Responses in Lower Limb Lymphedema Patients Undergoing Physical Therapy. <i>Biology</i> , 2021, 10, 642.	2.8	1

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37	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
38	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
39	Developing a –cedry lab–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
40	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
41	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
42	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
43	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
44	Autoimmune Rheumatic Diseases and Vascular Function: The Concept of Autoimmune Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4427.	2.4	18
45	Effect of Microgravity Environment on Gut Microbiome and Angiogenesis. <i>Life</i> , 2021, 11, 1008.	2.4	15
46	Human physiology adaptation to altered gravity environments. <i>Acta Astronautica</i> , 2021, 189, 216-221.	3.2	30
47	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
48	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
49	Quantification of the Link between Timed Up-and-Go Test Subtasks and Contractile Muscle Properties. <i>Sensors</i> , 2021, 21, 6539.	3.8	3
50	Support Vector Machine-Based Classification of Vasovagal Syncope Using Head-Up Tilt Test. <i>Biology</i> , 2021, 10, 1029.	2.8	8
51	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
52	Diagnosing Neurally Mediated Syncope Using Classification Techniques. <i>Journal of Clinical Medicine</i> , 2021, 10, 5016.	2.4	1
53	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
54	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. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 773841.	2.4	0

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55	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
56	Postural hemodynamic parameters in older persons have a seasonal dependency. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2020, 53, 145-155.	1.8	15
57	Personal exposure to NO ₂ 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
58	Machine Learning Based Walking Aid Detection in Timed Up-and-Go Test Recordings of Elderly Patients. , 2020, 2020, 808-811.		2
59	Effect of novel short-arm human centrifugation-induced gravitational gradients upon cardiovascular responses, cerebral perfusion and g-tolerance. <i>Journal of Physiology</i> , 2020, 598, 4237-4249.	2.9	11
60	Menstrual Phase Affects Coagulation and Hematological Parameters during Central Hypovolemia. <i>Journal of Clinical Medicine</i> , 2020, 9, 3118.	2.4	4
61	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
62	Fluid Shifts Induced by Physical Therapy in Lower Limb Lymphedema Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 3678.	2.4	11
63	<p>Falls Risk, Circadian Rhythms and Melatonin: Current Perspectives</p>. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 2165-2174.	2.9	12
64	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
65	Retinal arteriolar and venular diameters are widened in patients with schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 619-621.	1.8	15
66	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
67	Coagulation Changes during Central Hypovolemia across Seasons. <i>Journal of Clinical Medicine</i> , 2020, 9, 3461.	2.4	8
68	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
69	An association of neovascular age-related macular degeneration with polymorphisms of CFH, ARMS2, HTRA1 and C3 genes in Czech population. <i>Acta Ophthalmologica</i> , 2020, 98, e691-e699.	1.1	10
70	Type 1 Diabetes and Physical Exercise: Moving (forward) as an Adjuvant Therapy. <i>Current Pharmaceutical Design</i> , 2020, 26, 946-957.	1.9	24
71	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
72	CD36 gene polymorphisms and Alzheimer's disease. , 2020, , 57-70.		2

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73	Personal NO ₂ 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
74	Research update for articles published in EJCI in 2017. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13163.	3.4	0
75	Dynamics of Vagal Activity Due to Surgery and Subsequent Rehabilitation. <i>Frontiers in Neuroscience</i> , 2019, 13, 1116.	2.8	21
76	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
77	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
78	Microvascular reactivity in rehabilitating cardiac patients based on measurements of retinal blood vessel diameters. <i>Microvascular Research</i> , 2019, 124, 25-29.	2.5	10
79	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
80	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
81	Coagulation changes induced by lower-body negative pressure in men and women. <i>Journal of Applied Physiology</i> , 2019, 126, 1214-1222.	2.5	12
82	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
83	Editorial: Gravitational Physiology, Aging and Medicine. <i>Frontiers in Physiology</i> , 2019, 10, 1338.	2.8	9
84	Vascular endothelial dysfunction in the wake of HIV and ART. <i>FEBS Journal</i> , 2019, 286, 1256-1270.	4.7	60
85	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
86	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
87	Lower Body Negative Pressure: Physiological Effects, Applications, and Implementation. <i>Physiological Reviews</i> , 2019, 99, 807-851.	28.8	131
88	Heart Rhythm Analyzed via Shapelets Distinguishes Sleep From Awake. <i>Frontiers in Physiology</i> , 2019, 10, 1554.	2.8	8
89	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
90	Merging current healthcare trends: innovative perspective in aging care. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 2083-2095.	2.9	29

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91	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. <i>PLoS ONE</i> , 2018, 13, e0208537.	2.5	12
92	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
93	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
94	Muscle Atrophy Induced by Mechanical Unloading: Mechanisms and Potential Countermeasures. <i>Frontiers in Physiology</i> , 2018, 9, 235.	2.8	181
95	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
96	Artificial Gravity as a Countermeasure to the Cardiovascular Deconditioning of Spaceflight: Gender Perspectives. <i>Frontiers in Physiology</i> , 2018, 9, 716.	2.8	36
97	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
98	The Promise of Stochastic Resonance in Falls Prevention. <i>Frontiers in Physiology</i> , 2018, 9, 1865.	2.8	23
99	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
100	Poststroke alterations in heart rate variability during orthostatic challenge. <i>Medicine (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	1.0	26
101	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
102	Research update for articles published in <i>EJCI</i> in 2015. <i>European Journal of Clinical Investigation</i> , 2017, 47, 775-788.	3.4	0
103	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
104	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
105	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
106	Adrenomedullin and galanin responses to orthostasis in older persons. <i>European Journal of Clinical Investigation</i> , 2017, 47, 812-818.	3.4	7
107	Orthostatic Challenge Shifts the Hemostatic System of Patients Recovered from Stroke toward Hypercoagulability. <i>Frontiers in Physiology</i> , 2017, 8, 12.	2.8	11
108	Investigation of a Micro-test for Circulatory Autonomic Nervous System Responses. <i>Frontiers in Physiology</i> , 2017, 8, 448.	2.8	14

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109	Falls and Fall-Prevention in Older Persons: Geriatrics Meets Spaceflight!. <i>Frontiers in Physiology</i> , 2017, 8, 603.	2.8	61
110	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
111	Orthostatic Intolerance in Older Persons: Etiology and Countermeasures. <i>Frontiers in Physiology</i> , 2017, 8, 803.	2.8	57
112	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
113	HIV/AIDS: Emerging threat to cardiovascular health in sub-Saharan Africa. <i>South African Medical Journal</i> , 2016, 106, 537.	0.6	5
114	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>) Tj ETQq0 0 QgBT /Overlock 10 T		
115	Implementation of short-arm human centrifugation with an altered rotational axis position. , 2016, , .		2
116	Effect of postural changes on cardiovascular parameters across gender. <i>Medicine (United States)</i> , 2016, 95, e4149.	1.0	41
117	Static and Dynamic Retinal Vessel Analyses in Patients with Stroke as Compared to Healthy Control Subjects. , 2016, , .		0
118	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
119	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
120	Effects of Exercise and Nutrition on the Coagulation System During Bedrest Immobilization. <i>Medicine (United States)</i> , 2015, 94, e1555.	1.0	26
121	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
122	Effects of Individualized Centrifugation Training on Orthostatic Tolerance in Men and Women. <i>PLoS ONE</i> , 2015, 10, e0125780.	2.5	38
123	Aquaporins, Vasopressin, and Aging: Current Perspectives. <i>Endocrinology</i> , 2015, 156, 777-788.	2.8	39
124	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
125	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
126	Bed rest does not induce hypercoagulability. <i>European Journal of Clinical Investigation</i> , 2015, 45, 63-69.	3.4	36

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127	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
128	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
129	Volume Regulation and Renal Function at High Altitude across Gender. <i>PLoS ONE</i> , 2015, 10, e0118730.	2.5	28
130	Gender specific changes in cortical activation patterns during exposure to artificial gravity. <i>Acta Astronautica</i> , 2014, 104, 438-443.	3.2	8
131	Changes in calpains and calpastatin in the soleus muscle of Daurian ground squirrels during hibernation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 176, 26-31.	1.8	39
132	Effect of Mental Arithmetic on heart rate responses during Parabolic Flights: the Barcelona Zero-G Challenge. <i>Microgravity Science and Technology</i> , 2014, 26, 11-16.	1.4	11
133	Cerebrovascular autoregulation: lessons learned from spaceflight research. <i>European Journal of Applied Physiology</i> , 2013, 113, 1909-1917.	2.5	49
134	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
135	Cardio-autonomic control and wellbeing due to oscillating color light exposure. <i>Physiology and Behavior</i> , 2013, 114-115, 55-64.	2.1	18
136	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
137	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
138	Blood Volume Redistribution During Hypovolemia. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 59-64.	0.5	29
139	Effect of Orthostasis on Endothelial Function: A Gender Comparative Study. <i>PLoS ONE</i> , 2013, 8, e71655.	2.5	12
140	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
141	Bridging different perspectives of the physiological and mathematical disciplines. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2012, 36, 265-274.	1.6	11
142	Paradoxical clearance of hyaluronan fragments during haemodialysis and haemodiafiltration. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 4420-4422.	0.7	4
143	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
144	Global partnerships: Expanding the frontiers of space exploration education. <i>Acta Astronautica</i> , 2012, 80, 190-196.	3.2	13

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145	Delaying orthostatic syncope with mental challenge: A pilot study. <i>Physiology and Behavior</i> , 2012, 106, 569-573.	2.1	17
146	Reduced hyperpolarization of endothelial cells following high dietary Na ⁺ : effects of enalapril and tempol. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 608-613.	1.9	10
147	Coagulation Changes during Presyncope and Recovery. <i>PLoS ONE</i> , 2012, 7, e42221.	2.5	30
148	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
149	Modelling of cardiovascular response to graded orthostatic stress: role of capillary filtration. <i>European Journal of Clinical Investigation</i> , 2011, 41, 807-819.	3.4	9
150	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
151	Hormonal and plasma volume changes after presyncope. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1180-1185.	3.4	33
152	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
153	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
154	Interaction of mental and orthostatic stressors. <i>Acta Astronautica</i> , 2011, 68, 1509-1516.	3.2	10
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