

Hans Strijdom

List of Publications by Year in descending order

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54
papers

1,242
citations

430874
18
h-index

377865
34
g-index

54
all docs

54
docs citations

54
times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review exploring the significance of measuring epicardial fat thickness in correlation to B-type natriuretic peptide levels as prognostic and diagnostic markers in patients with or at risk of heart failure. <i>Heart Failure Reviews</i> , 2022, 27, 665-675.	3.9	9
2	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
3	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
4	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
5	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
6	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
7	Mobility Deviations in Adults With Human Immunodeficiency Virus: A Cross-Sectional Assessment Using Gait Analysis, Functional Performance, and Self-Report. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab425.	0.9	1
8	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
9	Physical Exercise Potentially Targets Epicardial Adipose Tissue to Reduce Cardiovascular Disease Risk in Patients with Metabolic Diseases: Oxidative Stress and Inflammation Emerge as Major Therapeutic Targets. <i>Antioxidants</i> , 2021, 10, 1758.	5.1	13
10	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
11	HIV-related cardiovascular disease: any role for high-density lipoproteins?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1221-H1226.	3.2	6
12	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
13	Rooibos (<i>Aspalathus linearis</i>) protects against nicotine-induced vascular injury and oxidative stress in Wistar rats. <i>Cardiovascular Journal of Africa</i> , 2020, 31, 29-38.	0.4	3
14	Antiretroviral drug-induced endothelial dysfunction is improved by dual PPAR α/β stimulation in obesity. <i>Vascular Pharmacology</i> , 2019, 121, 106577.	2.1	3
15	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
16	Fall History and Associated Factors Among Adults Living With HIV-1 in the Cape Winelands, South Africa: An Exploratory Investigation. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz401.	0.9	10
17	Anti-Apolipoprotein A1 Autoantibodies Prevalence Is Increased And Associated With Hiv Infection. <i>Atherosclerosis</i> , 2019, 287, e251-e252.	0.8	0
18	P5340 HIV-infected participants on combination ART (tenofovir, emtricitabine, efavirenz) have improved endothelial function and smaller retinal venular calibers compared to treatment naive participants. <i>European Heart Journal</i> , 2019, 40, .	2.2	0

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19	Ambient air pollution and health in Sub-Saharan Africa: Current evidence, perspectives and a call to action.. Environmental Research, 2019, 173, 174-188.	7.5	89
20	P5343The presence of anti-apolipoprotein A1 autoantibodies is associated with a pro-atherogenic profile in HIV-infected patients. European Heart Journal, 2019, 40, .	2.2	0
21	Vascular endothelial dysfunction in the wake of HIV and ART. FEBS Journal, 2019, 286, 1256-1270.	4.7	60
22	Histomorphological changes in the pancreas and kidney and histopathological changes in the liver in male Wistar rats on antiretroviral therapy and melatonin treatment. Acta Histochemica, 2018, 120, 347-355.	1.8	9
23	Autophagy is essential for the maintenance of amino acids and ATP levels during acute amino acid starvation in MDAMB231 cells. Cell Biochemistry and Function, 2018, 36, 65-79.	2.9	32
24	Determinants of endothelial function in a cohort of HIV-infected and HIV-free participants: The role of cardiovascular risk factors, biomarkers of inflammation and HIV-dependent parameters. Atherosclerosis, 2018, 275, e127.	0.8	1
25	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
26	Endothelial dysfunction in aortic and cardiac microvascular endothelial cells: The heterogeneous response to the pro-inflammatory cytokine, tumor necrosis factor-alpha (TNF-). Atherosclerosis, 2018, 275, e125.	0.8	0
27	Highly Active Antiretroviral Therapy Alters Sperm Parameters and Testicular Antioxidant Status in Diet-Induced Obese Rats. Toxicological Research, 2018, 34, 41-48.	2.1	15
28	Mucin secreting cells in the stomach and colon are altered by combination antiretroviral treatment in an obese rat model. Acta Histochemica, 2017, 119, 122-128.	1.8	9
29	A histomorphometric study on the effects of antiretroviral therapy (ART) combined with a high-calorie diet (HCD) on aortic perivascular adipose tissue (PVAT). Acta Histochemica, 2017, 119, 555-562.	1.8	1
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. BMC Infectious Diseases, 2017, 17, 41.	2.9	28
31	Cardiovascular health and flow-mediated dilatation (FMD) in a South African cohort of HIV-infected participants-findings from the endoAfrica study. Atherosclerosis, 2017, 263, e141.	0.8	2
32	Fenofibrate protects endothelial cells against the harmful effects of TNF-alpha. SA Heart Journal, 2017, 14, .	0.0	1
33	Cardiac endothelium: More than just a barrier. SA Heart Journal, 2017, , .	0.0	1
34	Role of melatonin in glucose uptake by cardiomyocytes from insulin-resistant Wistar rats. Cardiovascular Journal of Africa, 2017, 28, 362-369.	0.4	7
35	HIV/AIDS: Emerging threat to cardiovascular health in sub-Saharan Africa. South African Medical Journal, 2016, 106, 537.	0.6	5
36	ATM Protein Kinase Signaling, Type 2 Diabetes and Cardiovascular Disease. Cardiovascular Drugs and Therapy, 2015, 29, 51-58.	2.6	32

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37	Aqueous Extract of Unfermented Honeybush (<i>Cyclopia maculata</i>) Attenuates STZ-induced Diabetes and β^2 -cell Cytotoxicity. <i>Planta Medica</i> , 2014, 80, 622-629.	1.3	24
38	P507DPP-4 inhibition is cardioprotective and restores pancreatic function in obese, insulin resistant rats. <i>Cardiovascular Research</i> , 2014, 103, S93.1-S93.	3.8	0
39	Short-term melatonin consumption protects the heart of obese rats independent of body weight change and visceral adiposity. <i>Journal of Pineal Research</i> , 2014, 57, 317-332.	7.4	44
40	Endothelial dysfunction : the early predictor of atherosclerosis. <i>Cardiovascular Journal of Africa</i> , 2012, 23, 222-231.	0.4	372
41	Endothelial dysfunction: are we ready to heed the vasculature's early-warning signal?. <i>Cardiovascular Journal of Africa</i> , 2012, 23, 184-5.	0.4	2
42	Impact of Aldosterone Receptor Blockade on the Deleterious Cardiac Effects of Adrenergic Activation in Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 203-211.	1.9	13
43	Effects of Sperm Processing Techniques Involving Centrifugation on Nitric Oxide, Reactive Oxygen Species Generation and Sperm Function~!2009-11-11~!2010-01-07~!2010-03-30~!. <i>The Open Andrology Journal</i> , 2010, 2, 1-5.	0.2	13
44	Hypoxia-induced regulation of nitric oxide synthase in cardiac endothelial cells and myocytes and the role of the PI3-K/PKB pathway. <i>Molecular and Cellular Biochemistry</i> , 2009, 321, 23-35.	3.1	30
45	Nitric oxide in the cardiovascular system: a simple molecule with complex actions. <i>Cardiovascular Journal of Africa</i> , 2009, 20, 303-10.	0.4	62
46	Myocardial susceptibility to ischemic-reperfusion injury in a prediabetic model of dietary-induced obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2336-H2343.	3.2	52
47	Proposed mechanisms for red palm oil induced cardioprotection in a model of hyperlipidaemia in the rat. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2006, 75, 375-384.	2.2	25
48	Direct nitric oxide measurement in human spermatozoa: flow cytometric analysis using the fluorescent probe, diaminofluorescein. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 564-567.	3.6	23
49	Nitric oxide production is higher in rat cardiac microvessel endothelial cells than ventricular cardiomyocytes in baseline and hypoxic conditions: a comparative study. <i>FASEB Journal</i> , 2006, 20, 314-316.	0.5	27
50	Nitric Oxide Synthase (NOS) Does Not Contribute to Simulated Ischaemic Preconditioning in an Isolated Rat Cardiomyocyte Model. <i>Cardiovascular Drugs and Therapy</i> , 2004, 18, 99-112.	2.6	18
51	Direct intracellular nitric oxide detection in isolated adult cardiomyocytes: flow cytometric analysis using the fluorescent probe, diaminofluorescein. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 897-902.	1.9	68
52	Ischaemic and Pharmacological Preconditioning Is Associated with Attenuation of p38 MAPK Activation During Sustained Ischaemia and Reperfusion. <i>Progress in Experimental Cardiology</i> , 2003, , 249-273.	0.0	0
53	p38 MAPK Activation Triggers Pharmacologically-induced β^2 -adrenergic Preconditioning, but Not Ischaemic Preconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 2157-2177.	1.9	26
54	Fall History and Associated Factors Among Adults Living With HIV-1 in the Cape Winelands, South Africa: An Exploratory Investigation. , 0, .		1