

Scott T Chiesa

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,079
citations

430442

18
h-index

433756

31
g-index

53
all docs

53
docs citations

53
times ranked

1668
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in near-infrared spectroscopy (NIRS) for the assessment of local skeletal muscle microvascular function and capacity to utilise oxygen. <i>Artery Research</i> , 2016, 16, 25.	0.3	116
2	ACE Inhibitors and Statins in Adolescents with Type 1 Diabetes. <i>New England Journal of Medicine</i> , 2017, 377, 1733-1745.	13.9	89
3	Dehydration affects cerebral blood flow but not its metabolic rate for oxygen during maximal exercise in trained humans. <i>Journal of Physiology</i> , 2014, 592, 3143-3160.	1.3	71
4	High-Density Lipoprotein Function and Dysfunction in Health and Disease. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 207-219.	1.3	69
5	Carotid artery wave intensity in mid- to late-life predicts cognitive decline: the Whitehall II study. <i>European Heart Journal</i> , 2019, 40, 2300-2309.	1.0	57
6	Assessing the Causal Role of Body Mass Index on Cardiovascular Health in Young Adults. <i>Circulation</i> , 2018, 138, 2187-2201.	1.6	55
7	Dehydration accelerates reductions in cerebral blood flow during prolonged exercise in the heat without compromising brain metabolism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1598-H1607.	1.5	48
8	Early vascular damage from smoking and alcohol in teenage years: the ALSPAC study. <i>European Heart Journal</i> , 2019, 40, 345-353.	1.0	46
9	Temperature and blood flow distribution in the human leg during passive heat stress. <i>Journal of Applied Physiology</i> , 2016, 120, 1047-1058.	1.2	45
10	Association between fat mass through adolescence and arterial stiffness: a population-based study from The Avon Longitudinal Study of Parents and Children. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 474-481.	2.7	45
11	Local temperature-sensitive mechanisms are important mediators of limb tissue hyperemia in the heat-stressed human at rest and during small muscle mass exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H369-H380.	1.5	44
12	Determinants of Intima-Media Thickness in the Young. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 468-478.	2.3	43
13	Elevated high-density lipoprotein in adolescents with Type 1 diabetes is associated with endothelial dysfunction in the presence of systemic inflammation. <i>European Heart Journal</i> , 2019, 40, 3559-3566.	1.0	41
14	Glycoprotein Acetyls: A Novel Inflammatory Biomarker of Early Cardiovascular Risk in the Young. <i>Journal of the American Heart Association</i> , 2022, 11, e024380.	1.6	35
15	Mechanisms for the control of local tissue blood flow during thermal interventions: influence of temperature-dependent ATP release from human blood and endothelial cells. <i>Experimental Physiology</i> , 2017, 102, 228-244.	0.9	29
16	Renal and Cardiovascular Risk According to Tertiles of Urinary Albumin-to-Creatinine Ratio: The Adolescent Type 1 Diabetes Cardio-Renal Intervention Trial (AdDIT). <i>Diabetes Care</i> , 2018, 41, 1963-1969.	4.3	27
17	Childhood Fat and Lean Mass. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2528-2537.	1.1	22
18	Whole body hyperthermia, but not skin hyperthermia, accelerates brain and locomotor limb circulatory strain and impairs exercise capacity in humans. <i>Physiological Reports</i> , 2017, 5, e13108.	0.7	20

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19	Associations between arterial stiffening and brain structure, perfusion, and cognition in the Whitehall II Imaging Sub-study: A retrospective cohort study. <i>PLoS Medicine</i> , 2020, 17, e1003467.	3.9	19
20	Intimal and medial arterial changes defined by ultra-high-frequency ultrasound: Response to changing risk factors in children with chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0198547.	1.1	18
21	The Adolescent Cardio-Renal Intervention Trial (AdDIT): retinal vascular geometry and renal function in adolescents with type 1 diabetes. <i>Diabetologia</i> , 2018, 61, 968-976.	2.9	15
22	Whole-body heat stress and exercise stimulate the appearance of platelet microvesicles in plasma with limited influence of vascular shear stress. <i>Physiological Reports</i> , 2017, 5, e13496.	0.7	14
23	Medication Adherence During Adjunct Therapy With Statins and ACE Inhibitors in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, 1070-1076.	4.3	14
24	Physiological and Pathophysiological Consequences of a 25-Day Ultra-Endurance Exercise Challenge. <i>Frontiers in Physiology</i> , 2019, 10, 589.	1.3	13
25	Blood Pressure, Vascular Resistance, and +G<SUB>z</SUB> Tolerance During Repeated +G<SUB>z</SUB> Exposures. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 536-542.	0.6	10
26	Biomarkers associated with early stages of kidney disease in adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 1322-1332.	1.2	9
27	Preventing Cardiovascular Complications in Type 1 Diabetes: The Need for a Lifetime Approach. <i>Frontiers in Pediatrics</i> , 2021, 9, 696499.	0.9	9
28	Vascular Effects of ACE (Angiotensin-Converting Enzyme) Inhibitors and Statins in Adolescents With Type 1 Diabetes. <i>Hypertension</i> , 2020, 76, 1734-1743.	1.3	8
29	Adolescent health and future cardiovascular disability: itâ€™s never too early to think about prevention. <i>European Heart Journal</i> , 2020, 41, 1511-1513.	1.0	7
30	Urinary albumin/creatinine ratio tertiles predict risk of diabetic retinopathy progression: a natural history study from the Adolescent Cardio-Renal Intervention Trial (AdDIT) observational cohort. <i>Diabetologia</i> , 2022, 65, 872-878.	2.9	7
31	Clustering of cardio-metabolic risk factors in parents of adolescents with type 1 diabetes and microalbuminuria. <i>Pediatric Diabetes</i> , 2017, 18, 947-954.	1.2	4
32	Integrative Human Cardiovascular Responses to Hyperthermia. , 2019, , 45-65.		4
33	Carotid intima media thickness in older children and adolescents with HIV taking antiretroviral therapy. <i>Medicine (United States)</i> , 2020, 99, e19554.	0.4	3
34	Remote Ischemic Preconditioning Protects Against Endothelial Dysfunction in a Human Model of Systemic Inflammation: A Randomized Clinical Trial. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, e417-e426.	1.1	3
35	Statins in Peripheral Arterial Disease. <i>Current Pharmaceutical Design</i> , 2018, 23, 7099-7108.	0.9	3
36	Study Protocol: The Heart and Brain Study. <i>Frontiers in Physiology</i> , 2021, 12, 643725.	1.3	2

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37	The â€˜ALSPAC in Londonâ€™ dataset: adiposity, cardiometabolic risk profiles, and the emerging arterial phenotype in young adulthood. Wellcome Open Research, 0, 3, 162.	0.9	2
38	Passive leg movement: A novel method to assess vascular function during passive leg heating?. Experimental Physiology, 2021, 106, 2335-2336.	0.9	2
39	Short-term heat therapy: sufficient stimulus for structural vascular adaptations?. Journal of Physiology, 2017, 595, 3667-3668.	1.3	1
40	Dyslipidaemias and Cardiovascular Disease: Focus on the Role of PCSK9 Inhibitors. Current Medicinal Chemistry, 2020, 27, 4494-4521.	1.2	1
41	Hydration and the human brain circulation and metabolism. Nutricion Hospitalaria, 2015, 32 Suppl 2, 10261.	0.2	1
42	The effect of perinatal HIV and antiretroviral therapy on vascular structure and function in young people: A systematic review and meta-analysis. Atherosclerosis, 2022, 352, 53-61.	0.4	1
43	Lifestyle Choices, Risk Factors, and Cardiovascular Disease. , 2016, , 97-118.		0
44	Maternal adiposity and offspring blood pressure: a call for primordial prevention strategies. European Journal of Preventive Cardiology, 2019, 26, 1579-1580.	0.8	0
45	Response to â€˜Does smoking or alcohol cause early vascular damage in teenage years?â€™. European Heart Journal, 2019, 40, 3497-3497.	1.0	0
46	Longitudinal aortic stiffness is associated with brain microstructure and cognition: A voxel-wise magnetic resonance imaging study. Alzheimer's and Dementia, 2020, 16, e041822.	0.4	0
47	Physical activity and cardiovascular risk: No such thing as â€˜Too little, too lateâ€™. European Journal of Preventive Cardiology, 2022, 28, e15-e16.	0.8	0
48	Childhood vascular phenotypes have differing associations with prenatal and postnatal growth. Journal of Hypertension, 2021, 39, 1884-1892.	0.3	0
49	Integrative Physiological Responses To A 25-day Ultra-endurance Exercise Challenge. Medicine and Science in Sports and Exercise, 2019, 51, 254-255.	0.2	0