Gary P Van Guilder

List of Publications by Year
in descending order

52 papers	1,498 citations	331538 21 h-index	315616 38 g-index
54 all docs	54 docs citations	54 times ranked	2304 citing authors

#	Article	IF	Citations
1	Influence of Metabolic Syndrome on Biomarkers of Oxidative Stress and Inflammation in Obese Adults. Obesity, 2006, 14, 2127-2131.	1.5	183
2	Endothelin-1 Vasoconstrictor Tone Increases With Age in Healthy Men But Can Be Reduced by Regular Aerobic Exercise. Hypertension, 2007, 50, 403-409.	1.3	144
3	Aging, exercise, and endothelial progenitor cell clonogenic and migratory capacity in men. Journal of Applied Physiology, 2007, 102, 847-852.	1.2	137
4	Enhanced endothelin-1 system activity with overweight and obesity. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H689-H695.	1.5	119
5	Gender Differences in Circulating Endothelial Progenitor Cell Colony-Forming Capacity and Migratory Activity in Middle-Aged Adults. American Journal of Cardiology, 2007, 99, 46-48.	0.7	79
6	Endothelial t-PA release is impaired in overweight and obese adults but can be improved with regular aerobic exercise. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E807-E813.	1.8	71
7	Impaired Endothelium-Dependent Vasodilation in Normotensive and Normoglycemic Obese Adult Humans. Journal of Cardiovascular Pharmacology, 2006, 47, 310-313.	0.8	62
8	Endothelial progenitor cell number and colony-forming capacity in overweight and obese adults. International Journal of Obesity, 2009, 33, 219-225.	1.6	53
9	Sex differences in endothelin-1-mediated vasoconstrictor tone in middle-aged and older adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R261-R265.	0.9	52
10	Impaired endothelium-dependent vasodilation in overweight and obese adult humans is not limited to muscarinic receptor agonists. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1685-H1692.	1.5	51
11	Bradykinin Type 2 Receptor BE1 Genotype Influences Bradykinin-Dependent Vasodilation During Angiotensin-Converting Enzyme Inhibition. Hypertension, 2008, 51, 454-459.	1.3	38
12	Short sleep duration is associated with enhanced endothelin-1 vasoconstrictor toneThis article is one of a selection of papers published in the two-part special issue entitled 20 Years of Endothelin Research.. Canadian Journal of Physiology and Pharmacology, 2010, 88, 777-781.	0.7	38
13	Aging and endothelial progenitor cell telomere length in healthy men. Clinical Chemistry and Laboratory Medicine, 2009, 47, 47-50.	1.4	36
14	Regular Aerobic Exercise, Without Weight Loss, Improves Endotheliumâ€dependent Vasodilation in Overweight and Obese Adults. Obesity, 2010, 18, 1667-1669.	1.5	33
15	Prehypertension and endothelial progenitor cell function. Journal of Human Hypertension, 2011, 25, 57-62.	1.0	31
16	CD31+ T cells represent a functionally distinct vascular T cell phenotype. Blood Cells, Molecules, and Diseases, 2010, 44, 74-78.	0.6	27
17	Metabolic syndrome and endothelial fibrinolytic capacity in obese adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R39-R44.	0.9	26
18	A community-based exercise intervention transitions metabolically abnormal obese adults to a metabolically healthy obese phenotype. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2014, 7, 369.	1.1	26

#	Article	IF	Citations
19	The Bradykinin Type 2 Receptor BE1 Polymorphism and Ethnicity Influence Systolic Blood Pressure and Vascular Resistance. Clinical Pharmacology and Therapeutics, 2008, 83, 122-129.	2.3	25
20	Human aging and CD31⁺T-cell number, migration, apoptotic susceptibility, and telomere length. Journal of Applied Physiology, 2010, 109, 1756-1761.	1.2	23
21	A Calorie-Restricted DASH Diet Reduces Body Fat and Maintains Muscle Strength in Obese Older Adults. Nutrients, 2020, 12, 102.	1.7	23
22	Primary prevention of metabolic syndrome in the community using an evidence-based exercise program. Preventive Medicine, 2013, 57, 392-395.	1.6	21
23	Basal Endothelial Nitric Oxide Release Is Preserved in Overweight and Obese Adults. Obesity, 2005, 13, 1303-1306.	4.0	19
24	Acute and chronic effects of vitamin C on endothelial fibrinolytic function in overweight and obese adult humans. Journal of Physiology, 2008, 586, 3525-3535.	1.3	15
25	No influence of ischemic preconditioning on running economy. European Journal of Applied Physiology, 2017, 117, 225-235.	1.2	15
26	Gender Differences in Endothelial Tissue-Type Plasminogen Activator Release in Middle-Aged Adults. Journal of the American College of Cardiology, 2005, 45, 1547-1549.	1.2	13
27	Low Cardiorespiratory Fitness Is Associated with Markers of Insulin Resistance in Young, Normal Weight, Hispanic Women. Metabolic Syndrome and Related Disorders, 2016, 14, 272-278.	0.5	13
28	Association of HIV-infection, antiretroviral treatment and metabolic syndrome with large artery stiffness: a cross-sectional study. BMC Infectious Diseases, 2018, 18, 708.	1.3	13
29	Remote ischemic preconditioning increases accumulated oxygen deficit in middle-distance runners. Journal of Applied Physiology, 2019, 126, 1193-1203.	1.2	13
30	Ageing and endothelial progenitor cellrelease of proangiogenic cytokines. Age and Ageing, 2010, 39, 268-272.	0.7	12
31	The effect of HIV infection, antiretroviral therapy on carotid intima-media thickness: A systematic review and meta-analysis. Life Sciences, 2019, 235, 116851.	2.0	12
32	17Î²-Estradiol Increases Basal but Not Bradykinin-Stimulated Release of Active t-PA in Young Postmenopausal Women. Hypertension, 2008, 51, 1190-1196.	1.3	9
33	Cardiometabolic Changes in Response to a Calorie-Restricted DASH Diet in Obese Older Adults. Frontiers in Nutrition, 2021, 8, 647847.	1.6	9
34	Antiretroviral treatment and time since HIV-1 diagnosis are associated with large artery stiffness in sub-Saharan African HIV-1 patients. Artery Research, 2016, 16, 34.	0.3	8
35	The prevalence of adverse cardiometabolic responses to exercise training with evidence-based practice is low. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 73.	1.1	7
36	Decreased myostatin in response to a controlled DASH diet is associated with improved body composition and cardiometabolic biomarkers in older adults: results from a controlled-feeding diet intervention study. BMC Nutrition, 2022, 8, 24.	0.6	7

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37	It is time to contend with the endothelial consequences of prehypertension. Journal of Human Hypertension, 2015, 29, 457-458.	1.0	5
38	Commentaries on Viewpoint: Could small-diameter muscle afferents be responsible for the ergogenic effect of limb ischemic preconditioning?. Journal of Applied Physiology, 2017, 122, 721-725.	1.2	5
39	Reduced effect of ischemic preconditioning against endothelial ischemia-reperfusion injury with cardiovascular risk factors in humans. Journal of Human Hypertension, 2021, 35, 870-879.	1.0	5
40	ADDING A NEW TECHNIQUE TO ASSESS VISCERAL OBESITY TO YOUR REPERTOIRE. ACSM's Health and Fitness Journal, 2020, 24, 19-25.	0.3	4
41	Impacts of circulating microRNAs in exercise-induced vascular remodeling. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2401-H2415.	1.5	4
42	Is the Tyme Wear Smart Shirt Reliable and Valid at Detecting Personalized Ventilatory Thresholds in Recreationally Active Individuals?. International Journal of Environmental Research and Public Health, 2022, 19, 1147.	1.2	4
43	Increased arterial stiffness in South Dakota American Indian children. Applied Physiology, Nutrition and Metabolism, 2016, 41, 150-156.	0.9	2
44	Plasma fatty acid responses to a calorie-restricted, DASH-style diet with lean beef. Prostaglandins Leukotrienes and Essential Fatty Acids, 2022, 179, 102413.	1.0	2
45	Endothelial Vasodilation After a High-Volume Training Load and Tapered Training in Collegiate Female Swimmers. Journal of Strength and Conditioning Research, 2021, 35, 811-818.	1.0	1
46	An Oral Myofunctional Exercise Prescription For Obstructive Sleep Apnea. ACSM's Health and Fitness Journal, 2021, 25, 35-43.	0.3	1
47	CD31+ T Cells Represent a Functionally Distinct Vascular T Cell Phenotype. FASEB Journal, 2009, 23, 625.15.	0.2	1
48	The Sequence of Concurrent Exercise Training Influences Energy Expenditure During a Single Exercise Bout. Medicine and Science in Sports and Exercise, 2011, 43, 401.	0.2	0
49	Reply to Schmitz. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H665-H666.	1.5	0
50	Influence of Aging on Angiogenic T cells. FASEB Journal, 2010, 24, 774.18.	0.2	0
51	Menstrual Cycle Influences the Protective Effects of Remote Ischemic Preconditioning Against Endothelial Ischemiaâ€Reperfusion injury. FASEB Journal, 2020, 34, 1-1.	0.2	0
52	The Effect of Acetaminophen on Running Economy and Performance in Collegiate Distance Runners. International Journal of Environmental Research and Public Health, 2022, 19, 2927.	1.2	0