

Phillip E Gates

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11632676/publications.pdf>

Version: 2024-02-01

45
papers

2,829
citations

279798

23
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

3669
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Direct Evidence of Endothelial Oxidative Stress With Aging in Humans. <i>Circulation Research</i> , 2007, 100, 1659-1666. | 4.5 | 490 |
| 2 | Vascular endothelial dysfunction with aging: endothelin-1 and endothelial nitric oxide synthase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H425-H432. | 3.2 | 250 |
| 3 | Dietary Sodium Restriction Rapidly Improves Large Elastic Artery Compliance in Older Adults With Systolic Hypertension. <i>Hypertension</i> , 2004, 44, 35-41. | 2.7 | 214 |
| 4 | Overweight and Obese Humans Demonstrate Increased Vascular Endothelial NAD(P)H Oxidase-p47 ^{phox} Expression and Evidence of Endothelial Oxidative Stress. <i>Circulation</i> , 2007, 115, 627-637. | 1.6 | 186 |
| 5 | Greater Age-Related Reductions in Central Arterial Compliance in Resistance-Trained Men. <i>Hypertension</i> , 2003, 41, 130-135. | 2.7 | 184 |
| 6 | Greater rate of decline in maximal aerobic capacity with age in endurance-trained than in sedentary men. <i>Journal of Applied Physiology</i> , 2003, 94, 2406-2413. | 2.5 | 135 |
| 7 | Dietary Sodium Restriction Reverses Vascular Endothelial Dysfunction in Middle-Aged/Older Adults With Moderately Elevated Systolic Blood Pressure. <i>Journal of the American College of Cardiology</i> , 2013, 61, 335-343. | 2.8 | 126 |
| 8 | Left ventricular structure and diastolic function with human ageing Relation to habitual exercise and arterial stiffness. <i>European Heart Journal</i> , 2003, 24, 2213-2220. | 2.2 | 114 |
| 9 | Fatness Is a Better Predictor of Cardiovascular Disease Risk Factor Profile Than Aerobic Fitness in Healthy Men. <i>Circulation</i> , 2005, 111, 1904-1914. | 1.6 | 109 |
| 10 | Human endothelial function and microvascular ageing. <i>Experimental Physiology</i> , 2009, 94, 311-316. | 2.0 | 99 |
| 11 | Impaired flow-mediated dilation with age is not explained by l-arginine bioavailability or endothelial asymmetric dimethylarginine protein expression. <i>Journal of Applied Physiology</i> , 2007, 102, 63-71. | 2.5 | 97 |
| 12 | Basal leg blood flow in healthy women is related to age and hormone replacement therapy status. <i>Journal of Physiology</i> , 2003, 547, 309-316. | 2.9 | 92 |
| 13 | In Vitro and Preliminary In Vivo Validation of Echo Particle Image Velocimetry in Carotid Vascular Imaging. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 450-464. | 1.5 | 84 |
| 14 | Advanced age results in a diminished endothelial glycocalyx. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H531-H539. | 3.2 | 79 |
| 15 | Modulatory influences on ageing of the vasculature in healthy humans. <i>Experimental Gerontology</i> , 2006, 41, 501-507. | 2.8 | 71 |
| 16 | Dietary Sodium Restriction and Association with Urinary Marinobufagenin, Blood Pressure, and Aortic Stiffness. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1952-1959. | 4.5 | 63 |
| 17 | Two weeks of high-intensity interval training improves novel but not traditional cardiovascular disease risk factors in adolescents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1039-H1047. | 3.2 | 55 |
| 18 | Low dietary sodium intake is associated with enhanced vascular endothelial function in middle-aged and older adults with elevated systolic blood pressure. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2009, 3, 347-356. | 2.1 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Modulation of Vascular Endothelial Function by Low-Density Lipoprotein Cholesterol With Aging: Influence of Habitual Exercise. <i>American Journal of Hypertension</i> , 2009, 22, 250-256. | 2.0 | 40 |
| 20 | Measurement of Wall Shear Stress Exerted by Flowing Blood in the Human Carotid Artery: Ultrasound Doppler Velocimetry and Echo Particle Image Velocimetry. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1392-1401. | 1.5 | 34 |
| 21 | Adiposity Contributes to Differences in Left Ventricular Structure and Diastolic Function with Age in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4884-4890. | 3.6 | 30 |
| 22 | Use of Vascular Assessments and Novel Biomarkers to Predict Cardiovascular Events in Type 2 Diabetes: The SUMMIT VIP Study. <i>Diabetes Care</i> , 2018, 41, 2212-2219. | 8.6 | 28 |
| 23 | Stiffening Our Resolve Against Adult Weight Gain. <i>Hypertension</i> , 2005, 45, 175-177. | 2.7 | 26 |
| 24 | Automated Measurement of Microvascular Function Reveals Dysfunction in Systemic Sclerosis: A Cross-sectional Study. <i>Journal of Rheumatology</i> , 2017, 44, 1603-1611. | 2.0 | 26 |
| 25 | Aortic Input Impedance Increases With Age in Healthy Men and Women. <i>Hypertension</i> , 2005, 45, 1101-1106. | 2.7 | 20 |
| 26 | Echo Particle Image Velocimetry for Estimation of Carotid Artery Wall Shear Stress: Repeatability, Reproducibility and Comparison with Phase-Contrast Magnetic Resonance Imaging. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1618-1627. | 1.5 | 16 |
| 27 | Montmorency cherry supplementation attenuates vascular dysfunction induced by prolonged forearm occlusion in overweight, middle-aged men. <i>Journal of Applied Physiology</i> , 2019, 126, 246-254. | 2.5 | 16 |
| 28 | Brachial artery vasodilatory response and wall shear rate determined by multigate Doppler in a healthy young cohort. <i>Journal of Applied Physiology</i> , 2018, 124, 150-159. | 2.5 | 13 |
| 29 | Blood Oxygen Saturation After Ischemia is Altered With Abnormal Microvascular Reperfusion. <i>Microcirculation</i> , 2015, 22, 294-305. | 1.8 | 12 |
| 30 | Concentric adaptation of the left ventricle in response to controlled upper body exercise training. <i>Journal of Applied Physiology</i> , 2003, 94, 549-554. | 2.5 | 11 |
| 31 | Concentric left ventricular morphology in aerobically trained kayak canoeists. <i>Journal of Sports Sciences</i> , 2004, 22, 859-865. | 2.0 | 11 |
| 32 | Prolonged forearm ischemia attenuates endothelium-dependent vasodilatation and plasma nitric oxide metabolites in overweight middle-aged men. <i>European Journal of Applied Physiology</i> , 2018, 118, 1565-1572. | 2.5 | 11 |
| 33 | Reactivity to low-flow as a potential determinant for brachial artery flow-mediated vasodilatation. <i>Physiological Reports</i> , 2016, 4, e12808. | 1.7 | 10 |
| 34 | Cerebral small vessel disease, systemic vascular characteristics and potential therapeutic targets. <i>Aging</i> , 2021, 13, 22030-22039. | 3.1 | 9 |
| 35 | Echogenicity of the Common Carotid Artery Intima-Media Complex in Stroke. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1130-1137. | 1.5 | 8 |
| 36 | Arterial wall shear rate response to reactive hyperaemia is markedly different between young and older humans. <i>Journal of Physiology</i> , 2019, 597, 4151-4163. | 2.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Reservoir-Excess Pressure Parameters Independently Predict Cardiovascular Events in Individuals With Type 2 Diabetes. <i>Hypertension</i> , 2021, 78, 40-50. | 2.7 | 4 |
| 38 | Age-related change in endothelial and microvessel function and therapeutic consequences. <i>Reviews in Clinical Gerontology</i> , 2010, 20, 161-170. | 0.5 | 3 |
| 39 | In Vivo Validation of Echo Partical Image Velocimetry (Echo PIV) in Human Carotid Arteries Using Phase-Contrast MRI. , 2009, , . | | 2 |
| 40 | Enhanced tetrahydrobiopterin contributes to sodium restriction-induced improvements in large elastic artery compliance in older adults with elevated systolic blood pressure. <i>FASEB Journal</i> , 2012, 26, 1131.11. | 0.5 | 1 |
| 41 | Carotid-femoral pulse wave velocity acquisition methods and their associations with cardiovascular risk factors and subclinical biomarkers of vascular health. <i>Journal of Hypertension</i> , 2022, 40, 658-665. | 0.5 | 1 |
| 42 | Adiposity and Vascular Endothelial Expression of Pro- and Anti-oxidant Proteins in Humans. <i>FASEB Journal</i> , 2006, 20, A1181. | 0.5 | 0 |
| 43 | Enhanced vascular endothelium-dependent dilation in older men who exercise is associated with markedly lower endothelial oxidative stress. <i>FASEB Journal</i> , 2007, 21, A932. | 0.5 | 0 |
| 44 | Carotid artery intima-media echogenicity and aortic stiffness in healthy middle-aged and older humans. <i>FASEB Journal</i> , 2013, 27, . | 0.5 | 0 |
| 45 | Aged endothelial cells exhibit a metabolic shift from anaerobic glycolysis to oxidative phosphorylation. <i>FASEB Journal</i> , 2019, 33, 693.14. | 0.5 | 0 |