

Selected peer-reviewed publications, from a total of 200 peer-reviewed publications

1. Vita JA, Treasure CB, Nabel EG, McLenachan JM, Fish RD, Yeung AH, Selwyn AP, Ganz P. The coronary vasomotor response to acetylcholine relates to risk factors for coronary artery disease. *Circulation* 1990; 81:491-497. [PMID: 2105174](#)
2. Yeung AC, Vekshtein VI, Krantz DS, Vita JA, Ryan TJ, Ganz P, Selwyn AP. Atherosclerosis disturbs the vasomotor response of coronary arteries to mental stress. *N Engl J Med* 1991; 325:1551-1556. [PMID: 1944439](#)
3. Keaney JF, Jr., Gaziano JM, Xu A, Frei B, Curran-Celentano J, Shwaery GT, Loscalzo J, Vita JA. Dietary antioxidants preserve endothelium-dependent vessel relaxation in hypercholesterolemic rabbits. *Proc Natl Acad Sci (USA)* 1993; 90:11880-11884. [PMCID: PMC48088](#)
4. Levine GN, Keaney JF, Jr., Vita JA. Cholesterol reduction in cardiovascular disease: Clinical benefits and possible mechanisms. *N Engl J Med* 1995; 332:512-521. [DOI: 10.1056/NEJM199502233320807](#)
5. Vita JA, Frei B, Holbrook M, Gokce N, Leaf C, Keaney JF, Jr. L-2-oxothiazolidine-4-carboxylic acid reverses endothelial dysfunction in patients with coronary artery disease. *J Clin Invest* 1998;101:1408-1414. [PMCID: PMC508696](#)
6. Duffy SJ, Gokce N, Holbrook M, Huang A, Frei B, Keaney JF, Jr, Vita JA. Treatment of hypertension with ascorbic acid. *Lancet* 1999; 354:2048-2049. [doi:10.1016/S0140-6736\(99\)04410-4](#)
7. Gokce N, Keaney JF, Jr., Hunter LM, Watkins MT, Menzoian JO, Vita JA. Risk stratification for post-operative cardiovascular events via non-invasive assessment of endothelial function. *Circulation* 2002 105:1567-1572. [PMID: 11927524](#)
8. Benjamin EJ, Larson MG, Kupka MJ, Mitchell GF, Vasani RS, Keaney JF, Jr., Lehman B, Fan S, Osypiuk E, Vita JA. Clinical correlates and heritability of flow-mediated dilation in the community: The Framingham Heart Study. *Circulation* 2004; 109:613-619. [PMID: 14769683](#)
9. Mitchell GF, Parise H, Vita JA, Larson MG, Warner E, Keaney JF, Kupka MJ, Levy D, Vasani RS, Benjamin EJ. Local shear stress and brachial artery flow-mediated dilation: The Framingham Heart Study. *Hypertension* 2004; 44:134-139. [PMID: 15249547](#)
10. Vita JA, Keaney JF, Jr, Larson MG, Keyes MJ, Massaro J, Lipinska I, Lehman B, Fan S, Osypiuk E, Wilson PWF, Vasani RS, Mitchell GF, Benjamin EJ. Brachial artery vasodilator function and systemic inflammation in the Framingham Offspring Study. *Circulation* 2004; 110:3604-3609. [PMID: 15569842](#)
11. Hamburg NM, McMackin CJ, Huang AL, Shenouda SM, Widlansky ME, Schulz E, Gokce N, Ruderman NB, Keaney JF, Jr, Vita JA. Physical inactivity rapidly induces insulin resistance and microvascular dysfunction in healthy volunteers. *Arterioscl Thromb Vasc Biol* 2007; 27:2650-2656. [PMCID: PMC2596308](#)
12. Mitchell GF, Hwang S-J, Ramachandran VS, Larson MG, Hamburg NM, Vita JA, Levy D, Benjamin EJ. Arterial stiffness and cardiovascular events: The Framingham Heart Study. *Circulation* 2010; 121:505-511. [doi: 10.1161/](#)
13. Shenouda SM, Widlansky ME, Chen K, Xu G, Holbrook M, Tabit CE, Hamburg NM, Frame AA, Caiano TL, Kluge MA, Duesch M-A, Levit A, Kim B, Hartman M-L, Joseph L, Shirihai OS, Vita JA. Altered mitochondrial dynamics contributes to endothelial dysfunction in diabetes mellitus. *Circulation* 2011; 124:444-453. [PMCID: PMC3149100](#)
14. Kaess BM, Rong J, Larson MG, Hamburg NM, Vita JA, Levy D, Benjamin EJ, Vasani RS, Mitchell GF. Aortic stiffness, blood pressure progression, and incident hypertension. *JAMA* 2012; 308:875-881. [PMCID: PMC3594687](#)
15. Tabit CE, Holbrook M, Fetterman JL, Shenouda SM, Kiani S, Frame AA, Kluge MA, Held A, Dohadwala M, Gokce N, Farb M, Rosenzweig J, Ruderman N, Vita JA, Hamburg NM. Protein kinase-C beta contributes to impaired endothelial insulin signaling in humans with diabetes mellitus. *Circulation* 2013; 127:86-95. [PMCID: PMC3572725](#)