

Arterial stiffness assessment for early diagnosis of atherosclerosis

Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõõts, Kristina; Meigas, Kalju Cardiology 2015 / p. 32

<https://www.karger.com/Article/Abstract/431110>

Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis

Kõõts, Kristina; Pilt, Kristjan; Sepa, Madis; Pikta, Marika; Fridolin, Ivo; Meigas, Kalju; Viigimaa, Margus 8th European Medical and Biological Engineering Conference : proceedings of the EMBEC 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 https://doi.org/10.1007/978-3-030-64610-3_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Association between optical signal derived aortic augmentation index and cardiovascular risk factors in healthy volunteers

Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõõts, Kristina; Meigas, Kalju Reports on global health research 2020 / art. 119, 8 p. : ill <https://doi.org/10.29011/rghr-119.100019> <https://www.gavinpublishers.com/article/view/association-between-optical-signal-derived-aortic-augmentation-index-and-cardiovascular-risk-factors-in-healthy-volunteers>

Intima-media thickness of the common carotid artery of patients with chronic kidney disease

Silluta, Sandra; Pilt, Kristjan; Kõõts, Kristina; Viigimaa, Margus; Meigas, Kalju Cardiology 2015 / p. 37

<https://www.karger.com/Article/Abstract/431110>

Investigation of photoplethysmographic signal augmentation index estimation differences between fingers

Pilt, Kristjan; Silluta, Sandra; Kõõts, Kristina; Karai, Deniss; Meigas, Kalju; Viigimaa, Margus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 819-822 : ill https://doi.org/10.1007/978-981-10-5122-7_205 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Photoplethysmographic signal rising front analysis for the discrimination of subjects with increased arterial ageing

Pilt, Kristjan; Meigas, Kalju; Kõõts, Kristina; Viigimaa, Margus Proceedings of the Estonian Academy of Sciences 2014 / p. 221-226 : ill

Pulse wave registration from radial artery using photoplethysmographic method

Pilt, Kristjan; Leier, Mairo; Silluta, Sandra; Kõõts, Kristina; Meigas, Kalju; Viigimaa, Margus Conference proceedings : 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : Milan, Italy, August 25-29 2015 2015 / p. 6425-6428 : ill <https://doi.org/10.1109/EMBC.2015.7319863> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Stroke volume assessment by impedance cardiography : comparative analysis with transthoracic echocardiography

Silluta, Sandra; Pilt, Kristjan; Bischler, Elja; Kõõts, Kristina; Meigas, Kalju; Viigimaa, Margus EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 398-401 https://doi.org/10.1007/978-981-10-5122-7_100

The aortic pulse wave velocity estimation for arterial stiffness assessment

Pilt, Kristjan; Kõõts, Kristina; Meigas, Kalju; Šamarin, Andrei; Zemtsovskaja, Galina; Viigimaa, Margus 6th European Conference of the International Federation for Medical and Biological Engineering, MBEC 2014, 7–11 September 2014, Dubrovnik, Croatia 2015 / p. 294-297 https://doi.org/10.1007/978-3-319-11128-5_73 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)