

Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age : a review from VascAgeNet
Charlton, Peter H.; Paliakaite, Birute; **Pilt, Kristjan**; Bachler, Martin; Zanelli, Serena; Kulin, Daniel; Allen, John; Hallab, Magid; Bianchini, Elisabetta; Mayer, Christopher C. American journal of physiology-heart and circulatory physiology 2022 / p. H493-H522
<https://doi.org/10.1152/ajpheart.00392.2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Cannulation technique and complications in arteriovenous fistulas : a Swedish Renal Registry-based cohort study

Staafl, Karin; Fernström, Anders; **Uhlén, Nils Fredrik Arne** BMC Nephrology 2021 / art. 256 <https://doi.org/10.1186/s12882-021-02458-z>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determinants and a predictive equation for the aortic length estimation

Zemtsovskaja, Galina; Šamarin, Andrei; Abina, Jelena; Meigas, Kalju; Viigimaa, Margus International journal of innovative research in science, engineering and technology 2016 / p. 3336-3350 : ill
https://www.ijirset.com/upload/2016/march/115_Determinants_hard_foriegn.pdf

In Vitro and Ex Vivo experiments of vascular calcification

Holmar, Jana; Noels, Heidi; Jankowski, Joachim; Orth-Alampour, Setareh Nephrology Dialysis Transplantation 2021 / p. 1
<https://doi.org/10.1093/ndt/gfab086.0021>

Increased pulse wave velocity strongly related to age in apparently healthy people of high cardiovascular risk population

Zemtsovskaja, Galina; Pilt, Kristjan; Albina, Jelena; Meigas, Kalju; Viigimaa, Margus European Heart Journal 2020 / ehaa946.3783 <https://doi.org/10.1093/ehjci/ehaa946.3783>

Inhibition of platelet activation using vitamins

Kobzar, Gennadi Platelets 2020 / p. 157-166 <https://doi.org/10.1080/09537104.2019.1652262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

K2- step-by-step protocol for performing in vitro and ex vivo experiments of vascular calcification

Holmar, Jana; Noels, Heidi; Jankowski, Joachim; Orth-Alampour, Setareh The International Journal of Artificial Organs 2021
<https://doi.org/10.1177%2F03913988211038230>

Macrovascular complications of type 2 diabetes mellitus

Viigimaa, Margus; Sachinidis, Alexandros; Toupourleka, Maria; Koutsampasopoulos, Konstantinos; Alliksoo, Signe; **Titma, Tiina** Current Vascular Pharmacology 2020 / p. 110 - 116 : ill <https://doi.org/10.2174/157016117666190405165151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Removal of vascular calcification inducer phosphate in different dialysis treatment modalities

Holmar, Jana; Fridolin, Ivo; Luman, Merike World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 3) 2019 / p. 143-147 https://doi.org/10.1007/978-981-10-9023-3_26 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

TalTechi aasta teadlaseks valiti doktor Margus Viigimaa [Võrguväljaanne]

tervis.elu24.ee 2021 <https://tervis.elu24.ee/7186651/taltechi-aasta-teadlaseks-valiti-kardioloog-margus-viigimaa>

The role of calcium and phosphate in medial vascular calcification

Holmar, Jana; Jankowski, Joachim; Alampour-Rajabi, Setareh International journal of artificial organs 2019 / p. 386–474
<https://doi.org/10.1177/0391398819860985>