

An Analysis of Arterial Pulse Wave Time Features and Pulse Wave Velocity Calculations Based on Radial Electrical Bioimpedance Waveforms in Patients Scheduled for Coronary Catheterization

Lotamöis, Kristina; Uuetoa, Tiina; Krivošei, Andrei; Annus, Paul; Metshein, Margus; Rist, Marek; Margus, Sulev; Min, Mart; Tamberg, Gert Journal of Cardiovascular Development and Disease 2025 / art. 237 <https://doi.org/10.3390/jcdd12070237>

Apolipoprotein B, residual cardiovascular risk after acute coronary syndrome, and effects of alirocumab

Hagström, Emil; Steg, P. Gabriel; Szarek, Michael; Bhatt, Deepak L.; Bittner, Vera A.; Danchin, Nicolas; Diaz, Rafael; Goodman, Shaun G.; Harrington, Robert A.; Jukema, J. Wouter; Liberopoulos, Evangelos; Marx, Nikolaus; Viigimaa, Margus Circulation 2022 / p. 657 - 672 <https://doi.org/10.1161/CIRCULATIONAHA.121.057807> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Arterite jäikus ja kardiovaskulaarne risk

Pilt, Kristjan; Viigimaa, Margus Lege Artis : ajakiri Eesti arstidele 2020 / lk. 47-50 : ill https://www.ester.ee/record=b1575283*est <https://www.med24.ee/ajakirjad/legeartis/aprill-2020/arterite-j%C3%A4ikus-ja-kardiovaskulaarne-risk>

Assessment of vascular calcification in the context of inhibitors in chronic kidney disease

Adoberg, Annika; Holmar, Jana XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 3 p <https://balticnephrology2024.eu/abstracts>

Association between ventricular repolarization and main cardiovascular risk factors

Pšeničnikov, Igor; Šipilova, Tatjana; Karai, Deniss; Riipulk, Jevgeni; Veski, Kristi; Pilt, Kristjan; Kaik, Jüri Scandinavian cardiovascular journal : SCJ 2011 / p. 33-40 : ill

Aterogeensete lipoproteiinide määramine Euroopa uusimate soovitude alusel

Serg, Martin; Zemtsovskaja, Galina; Viigimaa, Margus Eesti Arst 2021 / lk. 295-299 : ill http://www.ester.ee/record=b1072028*est <https://ojs.utlib.ee/index.php/EA/article/view/17432>

Balti ateroskleroosikongressil käsitleti süvitsi perekondlikku hüperlipideemiat ja 2. tüüpi diabeeti [Võrguväljaanne]

Piibeman, Eeva-Liisa med24.ee 2021 ["Balti ateroskleroosikongressil käsitleti süvitsi perekondlikku hüperlipideemiat ja 2. tüüpi diabeeti"](https://www.med24.ee/ajakirjad/teroskleroosikongressil-kasitleti-syvitsi-perekondlikku-hyperlipideemiat-ja-2-typdiabeeti)

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Cardiovascular risk in patients with chronic obstructive pulmonary disease : management and life quality

Sereda, Vitaly; Salmistu, Sirle; Merisalu, Eda; Demikhov, Oleksii; Yezhova, Olha; Bokova, Svitlana; Demikhova, Nadiia Azerbaijan Medical Journal 2024 / p. 103 - 110 <https://doi.org/10.34921/amj.2024.1.016> Journal metrics at Scopus Article at Scopus

Correlation between electrical bioimpedance and pressure waveform in radial artery and in mechanical pulsating pipe system

Metshein, Margus; Annus, Paul; Land, Raul; Rist, Marek; Min, Mart; Märten, Olev 2020 IEEE International Instrumentation and Measurement Technology Conference (I2MTC 2020), May 25-29, 2020, Dubrovnik, Croatia : proceedings 2020 <https://doi.org/10.1109/I2MTC43012.2020.9128972>

Current practice in identifying and treating cardiovascular risk, with a focus on residual risk associated with atherogenic dyslipidaemia

Ferrari, Roberto; Aguiar, Carlos; Alegria, Eduardo; Viigimaa, Margus European heart journal. Supplements : journal of the European Society of Cardiology 2016 / p. C2-C12 : ill <https://doi.org/10.1093/eurheartj/suw009> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development, establishment and validation of in vitro and ex vivo assays of vascular calcification

Holmar, Jana; Noels, Heidi; Böhm, Michael; Bhargava, Shruti; Jankowski, Joachim; Orth-Alampour, Setareh Biochemical and biophysical research communications 2020 / p. 462-470 <https://doi.org/10.1016/j.bbrc.2020.05.085>

Energy-efficiency of cardiomyocyte stimulation with rectangular pulses

Laasmaa, Martin; Lu, Pengfei; Veletic, Mladen; Louch, William Edward; Bergsland, Jacob; Balasingham, Ilango; Vendelin, Marko Scientific reports 2019 / art. 13307, p. 1-9 <https://doi.org/10.1038/s41598-019-49791-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

European Society of Cardiology : cardiovascular disease statistics 2019

Kampus, Priit; Viigimaa, Margus European Heart Journal 2021 / p. 12-85 <https://doi.org/10.1093/eurheartj/ehaa062>

Evaluation of lipoprotein(a) in the prevention and management of atherosclerotic cardiovascular disease : a survey among the Lipid Clinics Network

Catapano, Alberico L.; Tokgozoglulale, Banach, Maciej; Gazzotti, Marta; Olmastroni, Elena; Casula, Manuela; Ray, Kausik K.; Viigimaa, Margus Atherosclerosis 2023 / p. 5 - 11 <https://doi.org/10.1016/j.atherosclerosis.2023.02.007>

Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function

Pattaro, Cristian; Teumer, Alexander; Gorski, Mathias; Chu, Audrey Y.; Li, Man; Mijatovic, Vladan; Garnaas, Maija; Tin, Adrienne; Sorice, Rossella; Li, Yong; **Viigimaa, Margus** Nature Communications 2016 / art. 10023 <https://doi.org/10.1038/ncomms10023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of nutraceuticals on markers of systemic inflammation : potential relevance to cardiovascular diseases - A position paper from the International Lipid Expert Panel (ILEP)

Ruscica, Massimiliano; Penson, Peter E.; Ferri, Nicola; Sirtori, Cesare R.; Pirro, Matteo; **Viigimaa, Margus** Progress in Cardiovascular Diseases 2021 / p. 40-52 <https://doi.org/10.1016/j.pcad.2021.06.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kardioloogia : [erialauudised]

Viigimaa, Margus Eesti Arst 2017 / lk. 161, 163-164 : ill http://www.estar.ee/record=b1072028*est
https://artiklid.elnet.ee/record=b2724762*est

Lipid-lowering treatment gaps in patients after acute myocardial infarction: using global database TriNetX

Talviste, Grete; Leinsalu, Mall; Ross, Peeter; **Viigimaa, Margus** Medicina 2024 / art. 1433 <https://doi.org/10.3390/medicina60091433> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipoproteiiniga seostunud fosfolipaas A2 kui uus sõltumatu kardiovaskulaarne riskitegur ja ravi sihtmärk

Viigimaa, Margus Eesti Arst 2013 / lk. 92-97 : ill https://artiklid.elnet.ee/record=b2604075*est

New aspects in stabilization and activation mechanisms of lipoprotein lipase = Uudsed aspektid lipoproteiinlipaasi stabiilsuse ja aktiivsuse regulatsioonis

Reimund, Mart 2019 <https://digikogu.taltech.ee/et/Item/e172019a-13cb-449f-bbe5-a471316ecfbb>

Optical real-time cardiorenal toxin uric acid measurement during hemodialysis using a miniaturized optical sensor

Holmar, Jana; Arund, Jürgen; Adoberg, Annika; Leis, Liisi; Luman, Merike; Paats, Joosep; Pilt, Kristjan; Tanner, Risto; Fridolin, Ivo Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS2023 2023 / 4 p. : ill <https://doi.org/10.1109/EMBC40787.2023.10340379> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A personalized care plan is positively associated with better clinical outcomes in the care of patients with type 2 diabetes: A cross-sectional real-life study

Mikkola, Ilona; Hagnäs, Maria; Hartšenko, Jelena; Kaila, Mina; Winell, Klas Canadian journal of diabetes 2020 / p. 133-138 <https://doi.org/10.1016/j.jcjd.2019.05.003>

Prevalence and determinants of hypertension in Estonian adults

Kaldmäe, Margit; Annuk, Margus; **Viigimaa, Margus**; Zemtsovskaja, Galina; Kaart, Tanel; Abina, Jelena Scandinavian journal of public health 2014 / p. 504-510 : ill <https://doi.org/10.1177/1403494814532565> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Prevalence of cardiovascular disease risk factors in Tallinn, Estonia

Kaldmäe, Margit; Zemtsovskaja, Galina; Abina, Jelena; Land, Tiit; **Viigimaa, Margus** Medicina (Lithuania) 2017 / p. 268-276 ill <https://doi.org/10.1016/j.medici.2017.07.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ravimata süda hävitab meeste voodirõõmud

Viigimaa, Margus Postimees 2021 / Lk. 16-17 : ill <https://dea.digar.ee/article/postimees/2021/04/21/15.2>

Relationship of the correlation between EEG and heart rate variability with cardiovascular indicators

Vihmaru, Merilin; Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Pöld, Toomas; Bachmann, Maie 9th European Medical and Biological Engineering Conference : Proceedings of EMBEC 2024 ; Volume 2 2024 / p. 266 - 273 <https://www.springerprofessional.de/en/relationship-of-the-correlation-between-eeeg-and-heart-rate-varia/27164904> https://doi.org/10.1007/978-3-031-61628-0_29 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity

Karro, Niina; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke Scientific reports 2019 / art. 12592 <https://doi.org/10.1038/s41598-019-48964-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Somatogenic asthenic syndrome assessment in patients with high cardiovascular risk

Demikhova, Nadiia; Salmistu, Sirle; Bokova, Svitlana; Demikhov, Oleksii; Taraniuk, Karina; Merisalu, Eda Atherosclerosis 2025 / art. 120027 <https://doi.org/10.1016/j.atherosclerosis.2025.120027>

Viigimaa, Margus; **Adamson, Agne** 2010 https://www.ester.ee/record=b2629157*est

A systematic review of vascular calcification inhibitors in chronic kidney disease

Adoberg, Annika; Leis, Liisi; Luman, Merike; Uhlin, Fredrik; Fridolin, Ivo; Holmar, Jana XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 2 p <https://balticnephrology2024.eu/abstracts>

The Association of pulse wave velocity with blood pressure and biochemical cardiovascular risk markers in young Tallinn adults

Zemtsovskaja, Galina; **Pilt, Kristjan; Albina, Jelena; Meigas, Kalju; Viigimaa, Margus** Atherosclerosis 2019 / p. e167-e168 <https://doi.org/10.1016/j.atherosclerosis.2019.06.506>

The metabolic pattern could be useful for better understanding of the etiology of cardiovascular diseases

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; **Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto** 1st Nordic Metabolomics Conference, 26–28 August 2018 Örebro, Sweden : abstract book 2018 / p. 92-93 https://www.oru.se/contentassets/8ce68e72859b49ad9a8bcb96acd612f6/program_abstract-book_2018.pdf

The role of red yeast rice (RYR) supplementation in plasma cholesterol control : a review and expert opinion

Banach, Maciej; Bruckert, Eric; Descamps, Olivier S.; **Viigimaa, Margus** Atherosclerosis supplements 2019 / p. e1–e8 : ill <https://doi.org/10.1016/j.atherosclerosis.2019.08.023>

2013 ESH/ESC guidelines for the management of arterial hypertension

Mancia, Giuseppe; Fagard, Robert; Narkiewicz, Krzysztof; Redon, Josep; Zanchetti, Alberto; Böhm, Michael; Christiaens, Thierry; Cifkova, Renata; **Viigimaa, Margus** Blood pressure 2014 / p. 3-16 <https://doi.org/10.3109/08037051.2014.868629> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2013 ESH/ESC guidelines for the management of arterial hypertension: The Task Force for the management of arterial hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC)

Mancia, Giuseppe; Fagard, Robert; Narkiewicz, Krzysztof; Redon, Josep; Zanchetti, Alberto; Böhm, Michael; Christiaens, Thierry; Cifkova, Renata; **Viigimaa, Margus** European Heart Journal 2013 / p. 2159 - 2219 <https://doi.org/10.1093/eurheartj/ehz151> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2013 Practice guidelines for the management of arterial hypertension of the European Society of Hypertension (ESH) and the European Society of Cardiology (ESC): ESH/ESC Task Force for the Management of Arterial Hypertension

Mancia, Giuseppe; Fagard, Robert; Narkiewicz, Krzysztof; Redón, Josep; Zanchetti, Alberto; Böhm, Michael; Christiaens, Thierry; Cifkova, Renata; **Viigimaa, Margus** Journal of Hypertension 2013 / p. 1925 - 1938 <https://doi.org/10.1097/HJH.0b013e328364ca4c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uremic toxins affecting cardiovascular calcification: a systematic review

Holmar, Jana; Puente-Secades, Sofia De la; Floege, Jürgen; Noels, Heidi; Jankowski, Joachim; Orth-Alampour, Setareh Cells 2020 / art. 2428, 22 p <https://doi.org/10.3390/cells9112428>

Using a Cumulative Low-Density Lipoprotein Cholesterol Modelling Approach to Estimate the Reduction of Risk of Atherosclerotic Cardiovascular Events from a Primary Prevention Program

Clayson, M.; Gauthier, A.; Grustam, A. S.; **Viigimaa, Margus; Sculpher, M.** Value in Health 2023 / S79-S80 <https://doi.org/10.1016/j.jval.2023.09.422>