

Analysis of ADP compartmentation in cardiomyocytes and its role in protection against mitochondrial permeability transition pore opening = ADP kompartmentatsiooni analüüs südamelihaskudedes ja selle roll mitokondriaalse suure läbitavusega poori avanemise eest kaitsmisel

Karro, Niina 2015 <https://digi.lib.ttu.ee/ii/?3423> https://www.ester.ee/record=b4500337*est

Application of the parameters, reflecting ventricular repolarization inhomogeneity for identification of patients with life-threatening arrhythmias

Kaik, Jüri; Lass, Jaanus; Meigas, Kalju Proceedings of the 2nd International Conference on Bioelectromagnetism, 15-18 February 1998, Melbourne, Australia 1998 / p. 27-28: ill <https://ieeexplore.ieee.org/document/666378>

Cardiac mechanoenergetics in silico

Vendelin, Marko 2001 http://www.ester.ee/record=b1556271*est

Cardiomyocytes from female compared to male mice have larger ryanodine receptor clusters and higher calcium spark frequency

Laasmaa, Martin; Branovets, Jelena; Stolina, Jekaterina; Shen, Xin; Rätsepso, Triinu; Balodis, Mihkel Jaan; Grahv, Cärolin; Hendrikson, Eliise; Louch, William Edward; Birkedal Nielsen, Rikke; Vendelin, Marko Journal of Physiology 2023 / p. 4033-4052 : ill <https://doi.org/10.1113/JP284515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Düslipideemia müokardiinfarktiga patsientidel - multidistsiplinaarne analüüs

Serg, Martin; Tsvetkov, Eduard; Sepp, Alar; Viigimaa, Margus Lege Artis : ajakiri Eesti arstidele 2022 / lk. 45-49

https://www.ester.ee/record=b1575283*est <https://www.med24.ee/ajakirjad/legeartis/august-2022/d%C3%BCslipideemia-m%C3%BCokardi%C2%ADinfarktiga-patsientidel-multidistsiplinaarne>

Energia, elu ja tervis : süsteemibioloogiast, bioenergeetikast ja biomeditsiinist

Käämbre, Tuuli; Varikmaa, Minna Horisont 2013 / lk. 16-23 : ill https://artiklid.elnet.ee/record=b2555949*est

Influence of intrinsic and extrinsic factors on mitochondrial energy metabolism in the heart = Sisemiste ja väliste tegurite mõju südamelihase mitokondriaalsele energiametabolismile

Aid, Jekaterina 2024 <https://doi.org/10.23658/taltech.59/2024> https://www.ester.ee/record=b5703763*est <https://digikogu.taltech.ee/et/Item/c6a91cf8-7a69-42b2-bec5-18ac0105fadb>

Intracellular diffusion of adenosine phosphates is locally restricted in cardiac muscle

Vendelin, Marko; Eimre, Margus; Seppet, Evelin; Peet, Nadežda; Andrienko, Tatiana; Lemba, Maris; Engelbrecht, Jüri; Seppet, Enn; Saks, Valdur Molecular and cellular biochemistry 2004 / p. 229-241 : ill <https://link.springer.com/article/10.1023/B:MBCI.0000009871.04141.64>

Linear dependence of myocardium oxygen consumption on stress-strain area predicted by cross-bridge model

Vendelin, Marko; Bovendeerd, Peter; Arts, Theo; Engelbrecht, Jüri; Campen, Dick H. van Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 63-66: ill

Marko Vendeliniga südamelöögi saladuse jälil

Käärt, Ulvar Horisont 2016 / lk. 42-44 : fot https://artiklid.elnet.ee/record=b2755102*est

Mechanoenergetics of a single cardiomyocyte = Ühe südameraku mehaanoenergeetika

Kalda, Mari 2015 https://www.ester.ee/record=b4525654*est

Murtud südant on ehk võimalik parandada

Krustok, Jüri Postimees 1998 / 13. sept., lk. 11

Nerve growth factor and brain-derived neurotrophic factor mRNAs are regulated in distinct cell populations of rat heart after ischaemia and reperfusion

Hiltunen, J.O.; Laurikainen, A.; Väkeva, A.; Meri, S.; Saarna, Mart Journal of pathology 2001 / p. 247-253 <https://pubmed.ncbi.nlm.nih.gov/11400155/>

QT interval variability index and QT interval duration in different sleep stages : analysis of polysomnographic recordings in nonapneic male patients

Viigimäe, Moonika; Karai, Deniss; Pirm, Peeter; Pilt, Kristjan; Meigas, Kalju; Kaik, Jüri BioMed Research International 2015 / art. 963028 <https://doi.org/10.1155/2015/963028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time determination of sarcomere length of a single cardiomyocyte during contraction

Peterson, Pearu; Kalda, Mari; Vendelin, Marko American journal of physiology - cell physiology 2013 / p. C519-C531 : ill <https://doi.org/10.1152/ajpcell.00032.2012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stretch harmonizes sarcomere strain across the cardiomyocyte

Li, Jia; Sundnes, Joakim; Hou, Yufeng; **Laasmaa, Martin**; Ruud, Marianne; Unger, Andreas; Kolstad, Terje R.; Frisk, Michael; Norseng, Per Andreas; Yang, Limin; Setterberg, Ingunn E.; Alves, Estela S. Circulation Research 2023 / p. 255 - 270
<https://doi.org/10.1161/CIRCRESAHA.123.322588>

Süda ja matemaatika : Eesti Teadusfondi projekt "Südame isheemia matemaatiline modelleerimine", 2001-2003
Engelbrecht, Jüri Eesti Teadusfondi Aastaraamat 2004 2005 / lk. 17 : ill

Süsteemne lähenemine aitab mõista ka inimese südant : [intervjuu Marko Vendelin'iga]
Vendelin, Marko Teadusmõtte Küberneetika Instituudis 2010 / lk. 164-166 : portr

Süsteemaatiline lähenemine aitab mõista ka inimese südant : [heategevusfondi Wellcome Trust toetusest TTÜ Küberneetika Instituudi vanemteaduri Marko Vendelini juhitud südamelihaste energiategevust uurivale teadlaste rühmale]

Kändler, Tiit Eesti Päevaleht 2007 / lk. 24 <https://epl.delfi.ee/artikkel/51090822/susteemne-lahenemine-aitab-moista-ka-inimese-sudant>

Ventricular repolarization evaluation from surface ECG for identification of the patients with increased myocardial electrical instability

Lass, Jaanus; Kaik, Jüri; Karai, Deniss; Vainu, Meelis 2001 Conference Proceedings of the 23rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society : 25-28 October 2001, Istanbul, Turkey. Vol. 1 2001 / p. 390-393 : ill
<https://ieeexplore.ieee.org/document/1018943>

Рентгено-хирургические методы диагностики и лечения острого инфаркта миокарда : дисс. ... доктора медицинских наук : (14.00.44)

Eha, Jaan 1990 https://www.ester.ee/record=b1226898*est

Эффективность реанимации больных острым инфарктом миокарда в стационаре : автореферат ... кандидата медицинских наук (14.00.44 ; 14.00.06)

Mesikepp, Arvo 1990 https://www.ester.ee/record=b1197170*est