

The analysis of finger photoplethysmographic waveform in healthy volunteers and diabetes patients [Electronic resource]

Pilt, Kristjan; Meigas, Kalju; Temitski, Kristina; Viigimaa, Margus IFMBE proceedings ; Vol. 38 2013 / p. 55-58 : ill [CD-ROM]
https://doi.org/10.1007/978-3-642-34197-7_14 Conference Proceedings at Scopus Article at Scopus

Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age : a review from VascAgeNet

Charlton, Peter H.; Paliakaitė, Birutė; 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; Kööts, 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>

Development of a measurement system for estimation of local peripheral arterial stiffness parameters

Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / p. 1-5
<https://doi.org/10.1109/BEC61458.2024.10737944> Article at Scopus Conference proceeding at Scopus Article at WOS

Effect of transmural pressure on the estimation of arterial stiffness index from the photoplethysmographic waveform

Pilt, Kristjan; Reiu, Andy Medical and Biological Engineering and Computing 2024 / p. 1049-1059 <https://doi.org/10.1007/s11517-023-02992-y> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of mental stress on the arterial stiffness parameters detected from photoplethysmographic signal waveform

Pilt, Kristjan; Karai, Deniss; Bachmann, Maie; Gavriljuk, Marietta; Allik, Ardo; Uudeberg, Tuuli 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 4 p <https://doi.org/10.1109/BEC56180.2022.9935609>

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

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

Photoplethysmographic signal waveform index for detection of increased arterial stiffness

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Second derivative analysis of forehead photoplethysmographic signal in healthy volunteers and diabetes patients [Electronic resource]

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Second derivative photoplethysmographic signal analysis of differences between fingers in healthy subjects [Online resource]

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The aortic pulse wave velocity estimation for arterial stiffness assessment

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