

**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](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.; 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](#)

**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](#)

**New photoplethysmographic signal analysis algorithm for arterial stiffness estimation**

**Pilt, Kristjan; Ferenets, Rain; Meigas, Kalju**; Lindberg, Lars-Göran; **Temitski, Kristina; Viigimaa, Margus** The Scientific World Journal 2013 / art. 169035 <https://doi.org/10.1155/2013/169035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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>