

## **Biosignaali töötlemise uurimisrühm = Biosignal Processing Research Group**

**Bachmann, Maie** Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühingu = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 37-41, p. 35-39 : ill

## **EEG functional connectivity detects seasonal changes**

**Päeske, Laura; Bachmann, Maie; Raik, Jaan; Hinrikus, Hiie** World Congress on Medical Physics and Biomedical Engineering 2018 : June 3–8, 2018, Prague, Czech Republic (Vol. 2) 2018 / p. 237-240 [https://doi.org/10.1007/978-981-10-9038-7\\_44](https://doi.org/10.1007/978-981-10-9038-7_44) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Energy-efficient pulses for deep brain stimulation**

**Gordon, Rauno; Min, Mart; Land, Raul** Impedance spectroscopy : advanced applications : battery research, bioimpedance, system design 2018 / p. 153-160 : ill <https://doi.org/10.1515/9783110558920-015>

## **Estimation of the complexity of the electroencephalogram for brain monitoring in intensive care = Electroentsefalogrammi kompleksuse hindamine aju monitooringul intensiivravivis**

**Anier, Andres** 2014 [http://www.eester.ee/record=b3050804\\*est](http://www.eester.ee/record=b3050804*est)

## **Negative correlation between functional connectivity and small-worldness in the alpha frequency band of a healthy brain**

**Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Raik, Jaan; Bachmann, Maie** Frontiers in Physiology 2020 / Art. nr. 910 <https://doi.org/10.3389/fphys.2020.00910> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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## **The effects of the 7Hz modulated microwaves on Human brain activity**

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