

An alternative method for estimating muscle fatigue compared with continuous wavelet transform method

Tuulik, Viuu; Ferenets, Rain; Lass, Jaanus; Helemäe, Jana; Vaht, Mai Proceedings of 2nd European Medical & Biological Engineering Conference EMBEC'02. 1 2002 / p. 396-397

An alternative muscle fatigue estimation method

Ferenets, Rain; Lass, Jaanus; Tuulik, Viuu; Vaht, Mai IV International Workshop on Biosignal Interpretation : BSI2002, Como, Italy, 24th-26th June, 2002 : proceedings 2002 / p. 227-230 : ill

Analysis of EEG patterns during midazolam sedation in critically ill patients for brain monitoring purposes

Lipping, Tarmo; Jäntti, Ville; Rätsep, Indrek; Ferenets, Rain 2nd International Baltic Congress of Anaesthesiology and Intensive Care. 8th Congress of Estonian Anaesthesiologists : Tallinn, Estonia, 26-28 October 2006 : final programme. Proceedings of the congress 2006 / p. 89

Comparing entropy/complexity of EEG during propofol and sevoflurane anesthesia at burst-suppression level

Ferenets, Rain; Lipping, Tarmo; Puumala, Pasi; Jäntti, Ville; Sonkajärvi, Eila; Heikkinen, Esa; Karvonen, Elina; Suominen, Katri The proceedings of 5th International Workshop on Biosignal Interpretation : September 6-8, 2005, Tokyo, Japan 2005 / p. 187-190 : ill

Comparing time-frequency methods for estimating instantaneous frequency of spindles during propofol anesthesia [Electronic resource]

Ferenets, Rain; Jäntti, Ville; Huotari, Ari-Matti; Alahuhta, Seppo; **Lipping, Tarmo** Medicon and Health Telematics 2004 "Health in the Information Society" : Xth Mediterranean Conference on Medical and Biological Engineering : July 31 - August 5, 2004, Ischia, Naples-Italy 2004 / [4] p. : ill. [CD-ROM]

DC-shifts during burst-suppression anaesthesia [Electronic resource]

Jäntti, Ville; **Ferenets, Rain** Proceedings of International Symposium Neuroimaging : What Are We Really Looking at : Helsinki, Finland, 2003 2003 / [4] p. [CD-ROM]

Detection and interpretation of low-level stressor effects on brain using complex methods

Lass, Jaanus; Ferenets, Rain; Riisalu, R.; **Tuulik, Viuu; Hinrikus, Hiie** Workshop on Biomedical Information Engineering : 25-27 June, 2000, Istanbul - Turkey : proceedings 2000 / p. 235-238 : ill

Digitaalne signaali- ja pilditöötlus : harjutused

Ferenets, Rain 2007 http://www.ester.ee/record=b2244506*est

Digitaalne signaalitöötlus : valitud FIR-filtrite disainimine

Ferenets, Rain 2011 http://www.ester.ee/record=b2737258*est

EEG in deepening anaesthesia

Jäntti, Ville; **Ferenets, Rain** Workshop on Neuroscience and Information Technology in Tampere 2004 / [1] p

EEG independent component and coherence analysis from scalp and depth electrodes during propofol anesthesia

Lipping, Tarmo; Ferenets, Rain; Puumala, Pasi Digest of 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : a new Beginning for Human Health : Cancun, Mexico, 2003 2003 / p. 2471-2474

EEG patterns and regularity properties during propofol induced anesthesia/sedation

Ferenets, Rain 2007 http://www.ester.ee/record=b2301505*est

Effects of 7 Hz-modulated 450 MHz electromagnetic radiation on human performance in visual memory tasks

Lass, Jaanus; Tuulik, Viuu; Ferenets, Rain; Riisalo, R.; **Hinrikus, Hiie** International journal of radiation biology 2002 / 10, p. 937-944 : ill

EMF as a low-level physical stressor

Lass, Jaanus; Tuulik, Viuu; Riisalo, Riina; Ferenets, Rain; Hinrikus, Hiie Biological Effects of EMFs : Heraklio, Crete, Greece 17-20 October, 2000 : proceedings 2000 / p. 280-284 : ill

EMF effect on attention and memory

Lass, Jaanus; Ferenets, Rain; Niemeister, R.; **Riisalo, Riina; Tuulik, Viuu; Hinrikus, Hiie** Proceedings of the EBEA 2001 : 5th International Congress of the European BioElectromagnetics Association : 6-8 September 2001, Helsinki, Finland 2001 / p. 97-98

Epileptiform activity by rapid sevoflurane incuption [Electronic resource]

Jäntti, Ville; **Ferenets, Rain** Proceedings of the 27th International Congress of Clinical Neurophysiology : San Francisco, USA, 2003 2003 / [4] p. [CD-ROM]

Estimation of removed uremic toxin indoxyl sulphate during hemodialysis by using optical data of the spent dialysate

Holmar, Jana; Uhlin, Nils Fredrik Arne; Ferenets, Rain; Lauri, Kai; Tanner, Risto; Arund, Jürgen; Luman, Merike; Fridolin, Ivo

Implementation of surface EMG for rehabilitation studies

Ferenets, Rain; Tuulik, Viiu; Lass, Jaanus Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 416-417: ill

Photoplethysmographic signal processing using adaptive sum comb filter for pulse delay measurement

Pilt, Kristjan; Meigas, Kalju; Ferenets, Rain; Kaik, Jüri Estonian journal of engineering 2010 / 1, p. 78-94 : ill

https://artiklid.elnet.ee/record=b1964973*est

Registration and analysis of surface electromyograms

Helemäe, Jana; **Ferenets, Rain; Tuulik, Viiu** Proceedings of the 4th International Conference Measurement, Smolenice, Slovak Republic, 2003 2003 / p. 246-247

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

Hinrikus, Hiie; Lass, Jaanus; Parts, Maie; Ferenets, Rain; Tuulik, Viiu 12th Nordic Baltic Conference on Biomedical Engineering and Medical Physics : 12NBC 2002, June 18th-22nd, Reykjavik, Iceland 2002 / p. 138-139

The new analysing method for the surface EMG data

Tuulik, Viiu; Ferenets, Rain; Lass, Jaanus; Vaht, Mai 3rd International Conference on Bioelectromagnetism and 1st Slovenian-Croatian Meeting on Biomedical Engineering : 8-12 October 2000, Bled, Slovenia : proceedings 2000 / p. 119-120 : ill

The new methods for the analyzing of surface EMG signals

Tuulik, Viiu; Ferenets, Rain; Lass, Jaanus; Helemäe, Jana 78th ICB Seminar : Warsaw, Poland, 2004 2004 / [7] p