Adaptive segmentation of burst-suppression pattern in isoflurane and enflurane anesthesia
Lipping, Tarmo; Jäntti, Ville; Yli-Hankala, Arvi; Hartikainen, Kaisa International journal of clinical monitoring and computing 1995 / 12, p. 161-167: 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

Analysis of respiratory related evoked potentials using independent component analysis
Lipping, Tarmo; Akay, M. Proceedings of 2nd European Medical & Biological Engineering Conference EMBEC'02. 1 2002 / p. 418-419

Biomedical engineering education and professional accreditation in Estonia
Hinrikus, Hiie; **Lipping, Tarmo**; **Meigas, Kalju** Proceedings of 2nd European Medical & Biological Engineering Conference EMBEC'02. 1 2002 / p. 682-683

Bispectrum for the detection of the effect of photic and microwave stimulation on human EEG
Parts, Maie; **Lipping, Tarmo**; **Lass, Jaanus**; **Hinrikus, Hiie** Proceedings of the 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Vol. 25, A New Beginning for Human Health : volume 3 of 4 : 17-21 September 2003, Cancun, Mexico 2003 / p. 2327-2330 : ill

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, Napeles-Italy 2004 / [4] p. : ill. [CD-ROM]

DC-level detection of burst-suppression EEG
Lipping, Tarmo; Loula, P.; Jäntti, Ville; Yli-Hankala, Arvi Methods of information in medicine 1994 / 1, p. 35-38: ill

Digitaalne signaali- ja pilditöötlus : loengukonspekt
Lipping, Tarmo 2007 http://www.ester.ee/record=b2234022*est

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

EEG signal in monitoring brain function in anesthesia and intensive care : a review
Lipping, Tarmo; Jäntti, Ville Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 2, p. 95-109 : ill

Effects of hypoxia on the complexity of respiratory patterns during maturation
Akay, M.; **Lipping, Tarmo**; Moodie, K.; Hoopes, P.M. Early human development 2002 / p. 55-71

Estimation of the complexity of the electroencephalogram for brain monitoring in intensive care = Electroentsefalogrammi kompleksuse hindamine aju monitooringul intensiivravis
Anier, Andres 2014 http://www.ester.ee/record=b3050804*est

Exploring the IBIS data library contents - tools for data visualisation, (pre-)processing and screening
Tomsen, C.; Cluitmans, L.; **Lipping, Tarmo** Computer methods and programs in biomedicine 2000 / 3, p. 187-201

Fractal dimension analysis of the effects of photic and microwave stimulation on the brain function [Electronic resource]
Lipping, Tarmo; Olejarczyk, E.; **Parts, Maie** Proceedings of World Congress on Medical Physics and Biomedical Engineering : Sidney, Australia, 2003 2003 / [4] p. [CD-ROM]

Higuchi fractal dimension and spectral entropy as measures of depth of sedation in intensive care unit
Anier, Andres; **Lipping, Tarmo**; Melto, S.; Hovilehto, S. Proceedings of the 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : San Francisco, CA, USA, September 1-5, 2004. Vol. 1 2004 / p. 526-529 : ill

https://pubmed.ncbi.nlm.nih.gov/17271729/

Low-level microwave effects on EEG alpha and theta waves [Electronic resource]
Parts, Maie; **Lass, Jaanus**; **Lipping, Tarmo**; **Tuulik, Viiu**; **Hinrikus, Hiie** Proceedings of World Congress on Medical Physics and Biomedical Engineering : Sidney, Australia, 2003 2003 / [4] p. [CD-ROM]

Monitoring trends in cardiac surgery
Lipping, Tarmo; Mandersloot, G.; Prior, P. Medical physics 2000 / 6, [CD-ROM], Digest of Papers of the 2000 World Congress on Medical Physics and Biomedical Engineering and [...] : Chicago 2000 : July 23-28, 2000, Chicago's Navy Pier, [4] p

Non-linear algorithms for processing biological signals
Cerutti, S.; Carrault, G.; Cluitmans, P.J.M.; Kinie, A.; **Lipping, Tarmo**; Nikolaidis, N.; Pitas, I.; Signorini, M.G. Computer methods and programs in biomedicine 1996 / 1/2, p. 51-73: ill

Nonlinear digital filtering of physiological signals
Lipping, Tarmo Medical & biological engineering & computing 1999 / Suppl. 1, Proceedings of the 11th Nordic-Baltic Conference on Biomedical Engineering, June 6-10, 1999, Tallinn, Estonia, p. 73-76: ill

Nonlinear interpretation of respiratory sinus arrhythmia in anesthesia
Loula, P.; **Lipping, Tarmo**; Jäntti, Ville; Yli-Hankala, Arvi Methods of information in medicine 1994 / 1, p. 52-57: ill

Nonlinear order statistics based methods in physiological signal processing
Lipping, Tarmo 10th Nordic-Baltic Conference on Biomedical Engineering. Satellite Symposium on Bioelectromagnetic and Biomechanic Measurements, June 13-15, 1996, Tallinn, Estonia 1996 / p. 11-13

Processing EEG during anaesthesia and cardiac surgery with nonlinear order statistics based methods
Lipping, Tarmo 2001 https://www.ester.ee/record=b1476353*est

Signaalitöötluse abil turvalisemate operatsioonide poole : [intervjuu Tarmo Lipping'uga tema doktoriväitekirjast, kaitstud Tampere Tehnikaülikooli Pori osakonnas]
Lipping, Tarmo; **Ummelas, Mart** Mente et Manu 2001 / 13. märts, lk. 1, 3 : portr https://www.ester.ee/record=b1242496*est

Tehnika elu kvaliteedi parandamiseks - biomeditsiinitehnika
Hinrikus, Hiie; **Lass, Jaanus**; **Lipping, Tarmo**; **Meigas, Kalju**; **Riipulk, Jevgeni** Teadusmõte Eestis : tehnikateadused 2002 / lk. 31-37 : ill

Trends in nonlinear signal processing
Hämäläinen, M.; **Lipping, Tarmo**; Neuvo, Y. Methods of information in medicine 1994 / 1, p. 4-9: ill

User interface for analysis of polygraphic recordings of physiological signals in European Data Format
Lipping, Tarmo; **Anier, Andres** Proceedings of the Estonian Academy of Sciences. Engineering 1999 / 4, p. 304-311: ill