

## Ajuinseneeria : erksuses ja rahuloleku nupp pea küljes

Strandberg, Marek Inseneeria 2015 / lk. 6 : fot [https://artiklid.elnet.ee/record=b2738545\\*est](https://artiklid.elnet.ee/record=b2738545*est)

**Assessment of electroencephalographic measures applied in the detection of depression = Depressiooni avastamiseks kasutatavate elektroentsefalograafilise signaali mõõdikute analüüs**

Päeske, Laura 2021 [https://www.esther.ee/record=b5411747\\*est](https://www.esther.ee/record=b5411747*est) <https://digikogu.taltech.ee/et/item/44751b09-b47f-4757-847f-dd0f1d39b91b>  
<https://doi.org/10.23658/taltech.17/2021>

## Brain – our demanding companion

Jokinen, Juliane Studioosus 2011 / lk. 31 [https://www.esther.ee/record=b1558644\\*est](https://www.esther.ee/record=b1558644*est)

## Brain-derived neurotrophic factor expression in vivo is under the control of neuron-restrictive silencer element

Timmusk, Tõnis; Palm, Kaia; Lendahl, U.; **Metsis, Madis** Journal of biological chemistry 1999 / p. 1078-1084

**Changes of human brain bioelectrical activity during photic stimulation as an indicator of brain functional state**  
Tuulik, Viiu; Meister, Ants; Lossmann, Eerik; Raja, Aimur Biocybernetics and biomedical engineering 2001 / 1, p. 77-82

## Correlation between electroencephalographic markers in the healthy brain

Päeske, Laura; Uudeberg, Tuuli; Hinrikus, Hiiie; Lass, Jaanus; Bachmann, Maie Scientific reports 2023 / art. 6307  
<https://doi.org/10.1038/s41598-023-33364-z>

## Correlation of blood-brain penetration using structural descriptors

Katritzky, Alan R.; Kuanar, Minati; Slavov, Svetoslav; Dobchev, Dimitar A.; Fara, Dan C.; **Karelson, Mati**; Acree, William E.; Solov'ev, Vitaly P.; Varnek, Alexandre Bioorganic & medicinal chemistry 2006 / 14, p. 4888-4917 : ill

## Differential regulation of the BDNF gene in cortical and hippocampal neurons

Esvald, Eli-Eelika; Tuvikene, Jürgen; Moistus, Andra; Rannaste, Käthy; Kõomägi, Susann; Timmusk, Tõnis Journal of neuroscience 2022 / p. 9110-9128 <https://doi.org/10.1523/JNEUROSCI.2535-21.2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Distribution of GABA receptor subunit transcripts in the rat brain

Wegelius, K.; Pasternack, M.; Hiltunen, J.O.; Rivera, Claudio; Kaila, Kai; **Saarma, Mart**; Reeben, M. European journal of neuroscience 1998 / p. 350-357

## EEG spectrum-based analysis of human brain bioelectrical activity using photic stimulation

Tuulik, Viiu; Lossmann, Eerik; Meister, Ants; Raja, Aimur Lecture Notes of the ICB Seminars "Statistics and Clinical Practice" 2000 / p. 116-120

**Effect of modulated microwave radiation on human resting electroencephalographic signal = Moduleeritud mikrolaineikiirguse mõju inimese puhkeoleku elektroentsefalograafilisele signaalile**

Bachmann, Maie 2008 [http://www.esther.ee/record=b2373842\\*est](http://www.esther.ee/record=b2373842*est)

## FPGA-based implementation of EEG analyzer for detection of depressive disorder

Gorev, Maksim; Pesonen, Vadim; Mihailov, Dmitri Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 69-72 : ill

## Inimaju asümmeetriast, käelisusest ja skisofreeniast

Koppel, Indrek; Pruunsild, Priit; Timmusk, Tõnis Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 109-112

## Integrated and organized cellular bioenergetic systems in heart and brain

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## Konnektoom ehk ajust ja selle juhtmestikust

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Timmusk, Tõnis Horisont 2010 / 5, lk. 6 : portr [https://artiklid.elnet.ee/record=b2155629\\*est](https://artiklid.elnet.ee/record=b2155629*est)

## Leptin increases hepatic triglyceride export via a vagal mechanism in humans

Metz, Matthäus; Beghini, Marianna; Wolf, Peter; Pfleger, Lorenz; Hackl, Martina; Bastian, Magdalena; Freudenthaler, Angelika; Harreiter, Jürgen; **Risti, Robert; Löökene, Aivar** Cell Metabolism 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020>  
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**LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia**

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[https://www.researchgate.net/publication/6171287\\_LRRTM1\\_on\\_chromosome\\_2p12\\_is\\_a\\_maternally\\_suppressed\\_gene\\_that\\_is\\_associated\\_paternally\\_with\\_handedness\\_and\\_schizophrenia](https://www.researchgate.net/publication/6171287_LRRTM1_on_chromosome_2p12_is_a_maternally_suppressed_gene_that_is_associated_paternally_with_handedness_and_schizophrenia)

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#### **Mobiil hakkab ajudele : [Hiie Hinrikuse ja Jaanus Lassi kommentaaridega]**

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**Neuronal activity-dependent transcription factors and regulation of human BDNF gene = Närvitallustusest sõltuvad transkriptsioonifaktorid ja inimese BDNF geeni avaldumise regulatsioon**

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#### **Revisiting the expression of BDNF and its receptors in mammalian development**

Esvald, Eli-Eelika; Tuvikene, Jürgen; Kiir, Carl Sander; Avarlaid, Annela; Tamberg, Laura; Sirp, Alex; Shubina, Anastassia; Cabrera-Cabrera, Florencia; Pihlak, Arno; Koppel, Indrek; Palm, Kaia; Timmus, Tõnis Frontiers in Molecular Neuroscience 2023 <https://doi.org/10.3389/fnmol.2023.1182499>

#### **Threshold of radiofrequency electromagnetic field effect on human brain**

Hinrikus, Hiie; Lass, Jaanus; Bachmann, Maie International journal of radiation biology 2021 / p. 1505-1515 : ill  
<https://doi.org/10.1080/09553002.2021.1969055> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)

#### **Towards understanding the neuronal pathogenesis of aspartylglycosaminuria : expression of aspartylglycosaminidase in brain during development**

Usitalo, A.; Tenhunen, K.; Heinonen, O.; Hiltunen, J.O.; **Sarma, Mart**; Haltia, M.; Jalanko, A.; Palotie, L. Molecular genetics development 1999 / p. 294-307

#### **Using artificial neural networks to predict cell-penetrating compounds**

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