

Ajuinseneeria : erksuses ja rahuloleku nupp pea küljes

Strandberg, Marek Inseneeria 2015 / lk. 6 : fot 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.ester.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.ester.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, Viuu; 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, Hiie; 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, Viuu; 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 mikrolainekiirguse mõju inimese puhkeoleku elektroentsefalograafilisele signaalile

Bachmann, Maie 2008 http://www.ester.ee/record=b2373842*est

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

Gorev, Maksim; Pesonen, Vadim; Mihhailov, 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

Anmann, Tiia 2007 http://www.ester.ee/record=b2281020*est

Konnektroom ehk ajast ja selle juhtumest

Strandberg, Marek Inseneeria 2015 / lk. 20 https://artiklid.elnet.ee/record=b2745535*est

Käelisuse ja skisofreenia seostest

Timmusk, Tõnis Horisont 2010 / 5, lk. 6 : portr 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; Lõokene, Aivar Cell Metabolism 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia

Francks, C.; Maegawa, S.; **Timmusk, Tõnis; Pruunsild, Priit; Koppel, Indrek** Molecular psychiatry 2007 / p. 1129-1139
https://www.researchgate.net/publication/6171287_LRRTM1_on_chromosome_2p12_is_a_maternally_suppressed_gene_that_is_associated_paternally_with_handedness_and_schizophrenia

Meditatsioonitehnika - terviseinseneering

Hinrikus, Hiie; Lass, Jaanus; Meigas, Kalju; Fridolin, Ivo Teadusmõtte Eestis. 4, Tehnikateadused. 2 2007 / lk. 17-25 : ill

Method for testing the brain

Hinrikus, Hiie; Bachmann, Maie; Lass, Jaanus; Tuulik, Viuu; Ubar, Raimund-Johannes 5th European Conference of the International Federation for Medical and Biological Engineering : 14-18 September 2011, Budapest, Hungary 2012 / p. 1198-1201 : ill

Miniatuurne märgvara [Võrguteavik]

Tammemäe, Kalle Arvutimaailm 2018 / 14 p <https://www.am.ee/margvara>

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

Hinrikus, Hiie; Lass, Jaanus Põhjarannik 2005 / 26. veebr., lk. 5

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

Pruunsild, Priit 2010 https://www.ester.ee/record=b2653637*est

Reliability of electroencephalogram-based individual markers - case study

Uudeberg, Tuuli; Päeske, Laura; Hinrikus, Hiie; Lass, Jaanus; Bachmann, Maie 2020 42nd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC) 2020 / p. 276 - 279 <https://doi.org/10.1109/EMBC44109.2020.9175274>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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; Timmusk, 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

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

Using artificial neural networks to predict cell-penetrating compounds

Karelson, Mati; Dobchev, Dimitar Expert opinion drug discovery 2011 / p. 783-796 : ill

Õiged toonid hävitavad vaenlase

Strandberg, Marek Inseneeria 2015 / lk. 9 : fot https://artiklid.elnet.ee/record=b2748893*est